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CANADA

INTERNATIONAL CODE OF SIGNALS

1969

ISSUED BY
DEPARTMENT OF TRANSPORT
MARINE REGULATIONS BRANCH
NAUTICAL AND PILOTAGE DIVISION

CAIT 81
-69C53



[General publications]

[6-1] **INTERNATIONAL**
CODE OF
SIGNALS

1969



April 29, 1969

The following signals contained in this Code are adopted and are those referred to in section 5 of the Marine Signalling Regulations, made pursuant to section 455 of the Canada Shipping Act:

- (a) all single letter signals including the single letter signals for use between icebreakers and assisted vessels;
- (b) all signals contained in the Distress and Emergency Part of the General Section;
- (c) all signals contained in the Casualties and Damages Part of the General Section;
- (d) all signals contained in the Aids to Navigation Part of the General Section; and,
- (e) all signals contained in the Table of Lifesaving Signals other than the orange smoke distress signal.

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DEPARTMENT OF TRANSPORT

Canada

MARINE REGULATIONS branch
NAUTICAL AND PILOTAGE DIVISION



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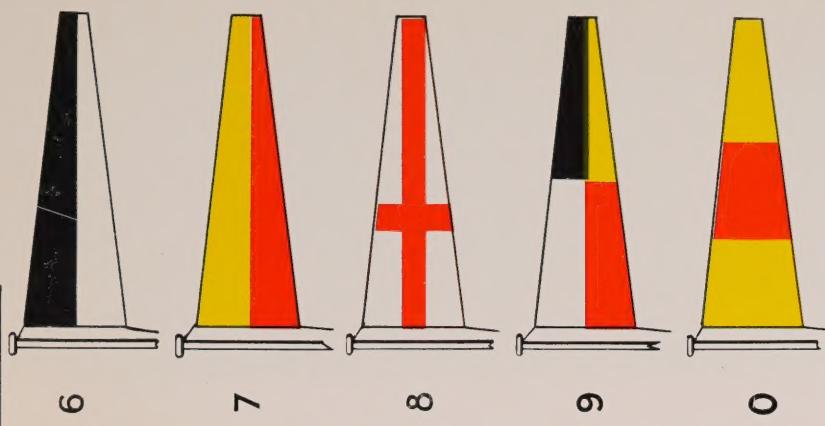
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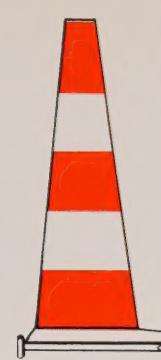
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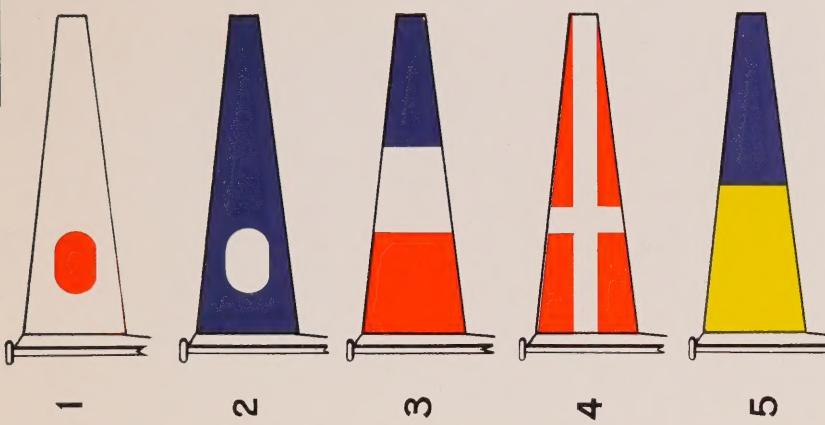
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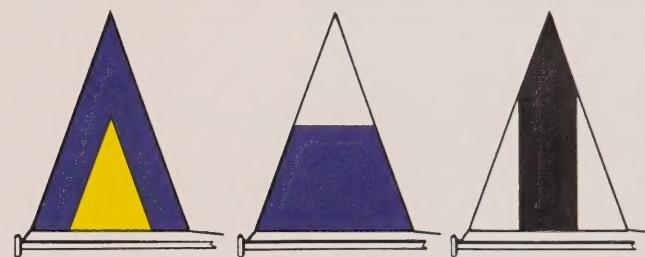
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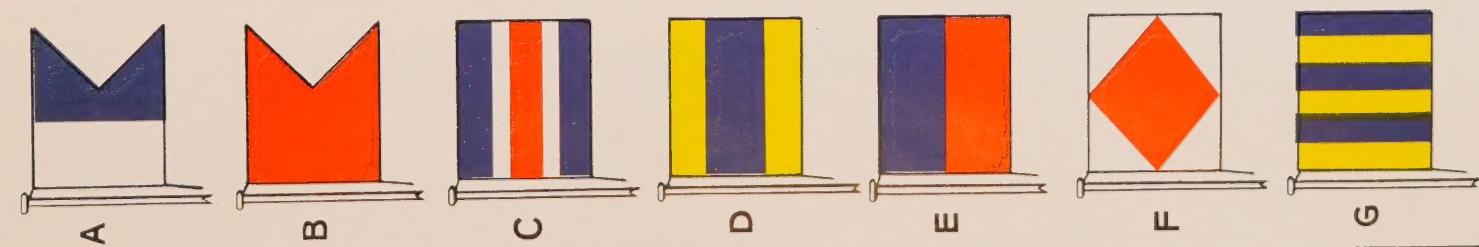
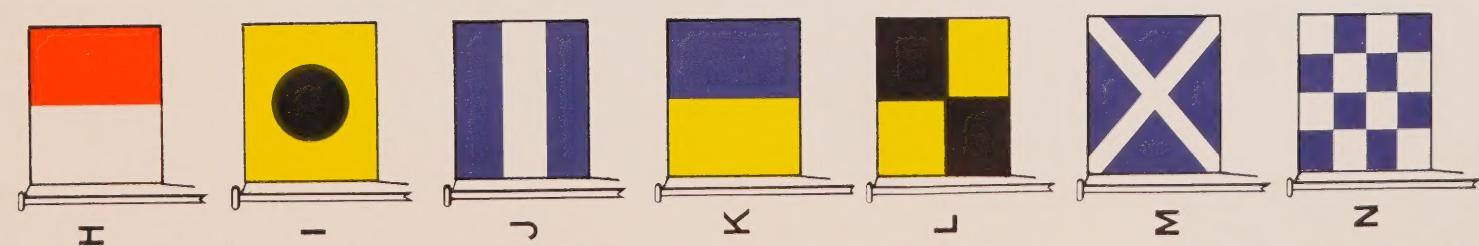
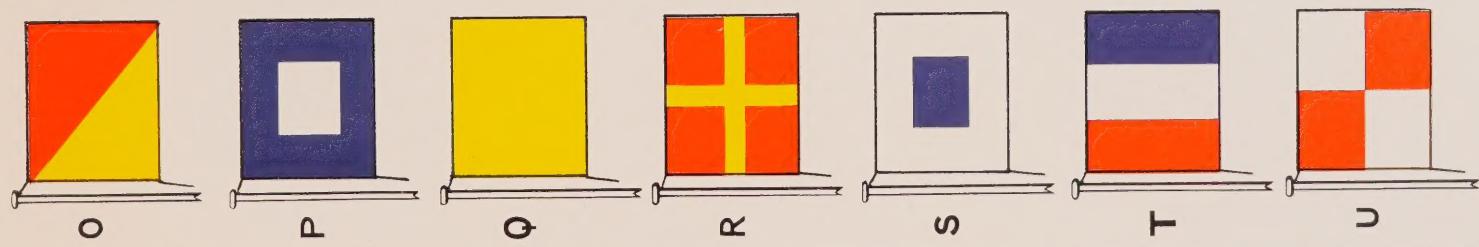
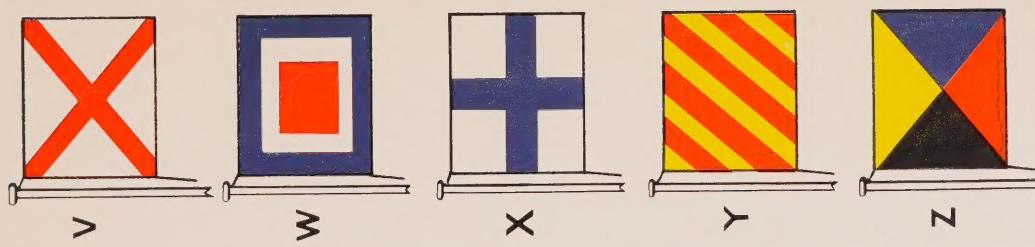
SUBSTITUTES



SUBSTITUTES



ALPHABETICAL FLAGS





DISTRESS SIGNALS

Prescribed by the International Regulations for Preventing Collisions at Sea (Rule 31)

To be used or displayed, either together or separately, by a vessel (or seaplane on the water) in distress requiring assistance from other vessels or from the shore.

1. A gun or other explosive signal fired at intervals of about a minute.
2. A continuous sounding with any fog-signalling apparatus.
3. Rockets or shells, throwing red stars fired one at a time at short intervals.
4. A signal made by radiotelegraphy or by any other signalling method consisting of the group in the Morse Code.
5. A signal sent by radiotelephony consisting of the spoken word "Mayday".
6. The International Code Signal of distress indicated by N.C.
7. A signal consisting of a square flag having above or below it a ball or anything resembling a ball.
8. Flames on the vessel (as from a burning tar barrel, oil barrel, etc.).
9. A rocket parachute flare or a hand flare showing a red light.
10. A smoke signal giving off a volume of orange-coloured smoke.
11. Slowly and repeatedly raising and lowering arms outstretched to each side.

NOTE: Vessels in distress may use the radiotelegraph alarm signal or the radiotelephone alarm signal to secure attention to distress calls and messages. The radiotelegraph alarm signal, which is designed to actuate the radiotelegraph auto alarms of vessels so fitted, consists of a series of twelve dashes, sent in 1 minute, the duration of each dash being 4 seconds, and the duration of the interval between 2 consecutive dashes being 1 second. The radiotelephone alarm signal consists of 2 tones transmitted alternately over periods of from 30 seconds to 1 minute.

The use of any of the foregoing signals, except for the purpose of indicating that a vessel or seaplane is in distress, and the use of any signals which may be confused with any of the above signals, is prohibited.

RECEPTION OF SAFETY MESSAGES

any message which you hear prefixed by one of the following words concerns SAFETY

Indicates that a ship, aircraft or other vehicle is threatened by grave and imminent danger and requires immediate assistance.

PAN ~~ALL~~  Indicates that the calling station has a very urgent message to transmit concerning the safety of a ship, aircraft or other vehicle, or the safety of a person.

Indicates that the station is about to transmit a message concerning the safety of
navigation or giving important meteorological warnings.

If you hear these words, pay particular attention to the message and call the master or the officer on watch.

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TABLE I

Phonetic Alphabet and Figure Spelling Tables

phonetic alphabets and grammar

Pronounced as		Letter	Word
<u>A</u>	<u>AL FAH</u>	N	November
B	<u>BRAH</u> VOH	O	Oscar
C	<u>CHAR</u> LEE or <u>SHAR</u> LEE	P	Papa
D	<u>DELL</u> TAH	Q	Quebec
E	<u>ECK</u> OH	R	Romeo
F	<u>FOKS</u> TROT	S	Sierra
G	<u>GOLF</u>	T	Tango
H	<u>HOH</u> <u>TELL</u>	U	Uniform
I	<u>IN</u> DEE AH	V	Victor
J	<u>IEW</u> LEE <u>ETT</u>	W	Whiskey
K	<u>KEY</u> LOH	X	X-ray
L	<u>LEE</u> MAH	Y	Yankee
M	MIKE	Z	Zulu

NOTE: The syllables to be emphasized are underlined.

<u>Figure</u>	<u>Word</u>	<u>Pronounced as</u>	<u>Word</u>	<u>Pronounced as</u>
0	NADAZERO	NAH-DAH-ZAY-ROH	SOXISIX	SOK-SEE-SIX
1	UNAONE	OO-NAH-WUN	SETTESEVEN	SAY-TAH-SEVEN
2	BISSOTWO	BEES-SOH TOO	OKTOEIGHT	OK-TOH-AIT
3	TERRATHREE	TAY-RAH-TREE	NOVENINE	NO-VAY-NINER
4	KARTEFOUR	KAR-TAY-FOWER	DECIMAL	DAY-SEE-MAL
5	PANTAFIVE	PAN-TAH-FIVE	Decimal point	STOP

and *unclassified*

DISTRESS TRANSMITTING PROCEDURES

To be used only if IMMEDIATE ASSISTANCE is required
USE PLAIN LANGUAGE WHENEVER POSSIBLE. If language difficulties are likely to arise use Tables 2 and 3 below, sending the word INTERCO to indicate that the message will be in the International Code of Signals.

Call out numbers figure by figure as in Table 1.

To indicate DISTRESS:

1. If possible transmit the ALARM SIGNAL (i.e. two-tone signal) for 30 seconds to one minute, but do not delay the message if there is insufficient time in which to transmit the Alarm Signal.

2. Send the following DISTRESS CALL:
Mavday Mavday Mayday. This is . . . (name or call sign of ship spoken three times)

3. Then send the DISTRESS MESSAGE composed of:
Mayday followed by the name or call sign of ship;

Position or smp.
Nature of distress;
And, if necessary, transmit the nature of the aid required and any other information which will help the rescue.

<u>TABLE 3</u>	<u>Text of Signal</u>
<u>distress in Code from the National Code of Signals</u>	<u>be bed</u>

<u>Words to be transmitted</u>	<u>Text of Signal</u>
Alfa Echo	I must <u>abandon</u> my vessel.
Bravo	Aircraft is <u>ditched</u> in position indicated and requires immediate assistance.
Foxtrot	I require <u>immediate assistance</u> .
Charlie	I require immediate assistance.
Bravo	I am <u>on fire</u> .
Charlie	I am <u>sinking</u> .
Bravo	I have <u>collided</u> with surface craft
Soxix	
Delta	
X-ray	
Hotel	
Whiskey	

International Code of Signals		A more comprehensive list of signals may be found in the International Code of Signals.
Charlie	I am proceeding to your assistance.	
Papa	Your distress signals are understood.	
Echo		
Delta		
Echo	Repeat the distress position.	
Lima		

EXAMINES OF DISSESS PROCEDURE

1. Where possible, transmit ALARM SIGNAL followed by spoken words Mayday Mayday This is . . . (name of ship spoken three times, or call sign of ship spell three times using TABLE 1) Mayday . . . (name or call sign of ship) Position 54 25 North 016 33 West I am on fire and require immediate assistance.
 2. Where possible, transmit ALARM SIGNAL followed by spoken words Mayday Mayday Mayday . . . (name of ship spoken three times, or call sign of ship spell three times using TABLE 1) Mayday . . . (name or call sign of ship) Intercos Alfa Nadazero Unaone Pantafive Kartefour Nadazero Delta X-ray. "(Ship) in Distress Position 015 Degrees Ushant 40 miles I am sinking."
 3. Where possible, transmit ALARM SIGNAL followed by spoken words Mayday Mayday Mayday . . . (name of ship spoken three times, or call sign of ship spell three times using TABLE 1) Mayday . . . (name or call sign of ship) Intercos Lima Pantafive Kartefour Bissotwo Pantafive November Golf Nadazero Unaone Soxisix Terrathree Whiskey Charlie Bravo Soxisix. (Ship) in Distress Position Latitude 54 25 North Longitude 015 Degrees East

PREFACE

Codes of Signals for the use of mariners have been published in various countries since the beginning of the nineteenth century.

The first International Code was drafted in 1855 by a Committee set up by the British Board of Trade. It contained 70,000 signals, it used eighteen flags and it was published by the British Board of Trade in 1857 in two parts; the first containing universal and international signals and the second British signals only. The book was adopted by most seafaring nations.

This edition was revised by a Committee set up in 1887 by the British Board of Trade. This Committee's proposals were discussed by the principal maritime powers and at the International Conference in Washington in 1889. As a result, many changes were made, the Code was completed in 1897 and was distributed to all maritime powers. This edition of the International Code of Signals, however, did not stand the test of World War I.

The International Radiotelegraph Conference at Washington in 1927 considered proposals for a fresh revision of the Code and decided that it should be prepared in seven editorial languages, namely in English, French, Italian, German, Japanese, Spanish and in one Scandinavian language which was chosen by the Scandinavian Governments to be the Norwegian language. The new edition was completed in 1930 and was adopted by the International Radiotelegraph Conference held in Madrid in 1932. The new Code was compiled in two volumes, one for use by visual signalling and the other by radiotelegraphy. Words and phrases applicable to aircraft were introduced in Volume II together with a complete Medical Section and a code for accelerating the granting of pratique. The Medical Section and the pratique signals were prepared with the assistance and by the advice of the Office International d'Hygiène Publique. The Code, particularly Volume II, was primarily intended for use by ships and aircraft and, via coast radio stations, between ships or aircraft and authorities ashore. A certain number of signals were inserted for communications with shipowners, agents, repair yards, etc. The same Conference (MADRID, 1932) established a Standing Committee to review the Code, if and when necessary, to give guidance on questions of use and procedure and to consider proposals for modifications. Secretarial duties were undertaken by the Government of the United Kingdom. The Standing Committee met only once in 1933 and introduced certain additions and amendments.

The Administrative Radio Conference of the International Telecommunication Union suggested in 1947 that the International Code of Signals should fall within the competence of the Inter-Governmental Maritime Consultative Organization (IMCO). In January 1959, the first Assembly of IMCO decided that the Organization should assume all the functions then being performed by the Standing Committee of the International Code of Signals. The second Assembly in 1961 endorsed plans for a comprehensive review of the International Code of Signals intended to meet the present-day requirements of mariners. A Sub-Committee of the Maritime Safety Committee of the Organization was established to revise the Code, to prepare it in nine editorial languages, namely the original seven (English, French, Italian, German, Japanese, Spanish and Norwegian) together with Russian and Greek, and to consider proposals for a new radiotelephone code and its relation to the International Code of Signals. The Sub-Committee consisted of representatives of the following countries: Argentina, Federal Republic of Germany, France, Greece, Italy, Japan, Norway, United Kingdom, United States of America and the Union of Soviet Socialist Republics. The following international governmental and non-governmental organizations contrib-

uted to, and assisted in, the preparation of the revised Code: the International Atomic Energy Agency, the International Civil Aviation Organization, the International Labour Organisation, the International Telecommunication Union, the World Meteorological Organization, the World Health Organization, the International Chamber of Shipping, the International Confederation of Free Trade Unions and the International Radio Maritime Committee.

The Sub-Committee completed the revision of the Code in 1964, taking into account Recommendation 42 of the 1960 Conference on Safety of Life at Sea and Recommendation 22 of the Administrative Radio Conference, Geneva 1959.

The revised Code is intended to cater primarily for situations related essentially to safety of navigation and persons, especially when language difficulties arise. It is suitable for transmission by all means of communication, including radiotelephony and radiotelegraphy, thus obviating the necessity for a separate radiotelephone code and dispensing with Volume II for Radiotelegraphy. The revised Code embodies the principle that each signal has a complete meaning. It thus leaves out the vocabulary method which was part of the Old Code. The Geographical Section, not being considered essential, was omitted. By these means it was possible to reduce considerably the volume of the Code and achieve simplicity.

The Code was adopted by the fourth Assembly of IMCO in 1965.

INTERNATIONAL CODE OF SIGNALS

CHAPTER I. EXPLANATION AND GENERAL REMARKS

1. The purpose of the International Code of Signals is to provide ways and means of communication in situations related essentially to safety of navigation and persons, especially when language difficulties arise. In the preparation of the Code account was taken of the fact that wide application of radiotelephony and radiotelegraphy can provide simple and effective means of communication in plain language whenever language difficulties do not exist.
2. The signals used consist of:
 - (a) Single letter signals allocated to significations which are very urgent, important, or of very common use;
 - (b) Two-letter signals for the General Section;
 - (c) Three-letter signals beginning with "M" for the Medical Section.
3. The Code follows the basic principle that each signal should have a complete meaning. This principle is followed throughout the Code; in certain cases complements are used, where necessary, to supplement the available groups.
4. Complements express:
 - (a) Variations in the meaning of the basic signal.
Example:
"CP" = "I am (or vessel indicated is) proceeding to your assistance".
"CP 1" = "SAR aircraft is coming to your assistance."
 - (b) Questions concerning the same basic subject or basic signal. Example:
"DY" = "Vessel (name or identity signal) has sunk in lat . . . long . . .".
"DY 4" = "What is the depth of water where vessel sunk?"
 - (c) Answers to a question or request made by the basic signal. Example:
"HX" = "Have you received any damage in collision?"
"HX 1" = "I have received serious damage above the water-line".
 - (d) Supplementary, specific or detailed information. Example:
"IN" = "I require a diver".
"IN 1" = "I require a diver to clear propeller".
5. Complements appearing in the text more than once have been grouped in three Tables. These Tables should be used only as and when specified in the text of the signals.
6. Text in brackets indicates:
 - (a) an alternative, e.g. "... (or survival craft) . . .";
 - (b) information which may be transmitted if it is required or if it is available, e.g. "... (position to be indicated if necessary)";
 - (c) an explanation of the text.
7. The material is classified according to subject and meaning. Extensive cross referencing of the signals in the right-hand column is used to facilitate coding.

CHAPTER II. DEFINITIONS

For the purpose of this Code the following terms shall have the meanings defined below:

Visual signalling is any method of communication, the transmission of which is capable of being seen.

Sound signalling is any method of passing Morse signals by means of siren, whistle, fog-horn, bell, or other sound apparatus.

Originator is the authority who orders a signal to be sent.

Identity signal or call sign is the group of letters and figures assigned to each station by its administration.

Station means a ship, aircraft, survival craft or any place at which communications can be effected by any means.

Station of origin is that station where the originator hands in a signal for transmission, irrespective of the method of communication employed.

Transmitting station is the station by which a signal is actually being made.

Addressee is the authority to whom a signal is addressed.

Station of destination is that station in which a signal is finally received by the addressee.

Receiving station is the station by which a signal is actually being read.

Procedure denotes the rules drawn up for the conduct of signalling.

Procedure signal is a signal designed to facilitate the conduct of signalling. (See pages 21, 22).

Time of origin is the time at which a signal is ordered to be made.

Group denotes more than one continuous letter and/or numeral which together compose a signal.

A numeral group consists of one or more numerals.

A hoist consists of one or more groups displayed from a single halyard. A hoist or signal is said to be at the dip when it is hoisted about half of the full extent of the halyards. A hoist or signal is said to be close up when it is hoisted to the full extent of the halyards.

Tackline is a length of halyard about six feet (2 m) long, used to separate each group of flags.

CHAPTER III. METHODS OF SIGNALLING

1. The methods of signalling which may be used are:

- (a) Flag signalling, the flags used being those shown on page (iv).
- (b) Flashing light signalling, using the Morse symbols shown on page 18.
- (c) Sound signalling, using the Morse symbols shown on page 18.
- (d) Voice over a loud hailer.
- (e) Radiotelegraphy.
- (f) Radiotelephony.
- (g) Signalling by hand flags or arms, (i) semaphore, (ii) Morse.

Flag signalling

2. A set of signal flags consists of twenty-six alphabetical flags, ten numeral pendants, three substitutes and the answering pendant. Detailed instructions for signalling by flags are given in Chapter V.

Flashing light and sound signalling

3. The Morse symbols representing letters, numerals, etc. are expressed by dots and dashes which are signalled either singly or in combination. The dots and dashes and spaces between them should be made to bear the following ratio, one to another, as regards their duration:

- (a) A dot is taken as the unit;
- (b) A dash is equivalent to three units;
- (c) The space of time between any two elements of a symbol is equivalent to one unit; between two complete symbols it is equivalent to three units and between two words or groups it is equivalent to seven units.

4. In flashing light and sound signalling, while generally obeying the instructions laid down here, it is best to err on the side of making the dots rather shorter in their proportion to the dashes as it then makes the distinction between the elements plainer. The standard rate of signalling by flashing light is to be regarded as forty letters per minute. Detailed instructions for signalling by flashing light and sound are given in Chapters VI and VII.

Voice over a loud hailer

5. Whenever possible plain language should be used but where a language difficulty exists groups from the International Code of Signals could be transmitted using the phonetic spelling tables.

Radiotelegraphy and Radiotelephony

6. When radiotelegraphy or radiotelephony is used for the transmission of signals, operators should comply with the Radio Regulations of the International Telecommunication Union then in force (see Chapter VIII on RADIOTELEPHONY).

CHAPTER IV. GENERAL INSTRUCTIONS

Originator and addressee of message

1. Unless otherwise indicated all signals between vessels are made from the Master of the vessel of origin to the Master of the vessel of destination.

Identification of ships and aircraft

2. Identity Signals for ships and aircraft are allocated on an international basis. The identity signal may therefore indicate the nationality of a ship or aircraft. A table showing the allocation of these identity signals may be issued by national administrations as a supplement to the Code.

Use of identity signals

3. Identity signals may be used for two purposes:

- (a) to speak to, or call, a station;
- (b) to speak of, or indicate, a station.

Examples: "YP LABC" means: "I wish to communicate with vessel LABC by . . . (complements Table I)".

"HY 1 LABC" means: "The vessel LABC with which I have been in collision has resumed her voyage".

Names of vessels and/or places

4. Names of vessels and/or places are to be spelt out. "RV Gibraltar" means "You should proceed to Gibraltar".

How to signal numbers

5. (a) Numbers are to be signalled as follows:

- (i) Semaphore: spelt out.
- (ii) Flag signalling: by the numeral pendants of the Code.
- (iii) Flashing light or sound signalling: usually by the numerals in the Morse Code; they may also be spelt out.
- (iv) Radiotelephony or loud hailer: by the code words of the figure-spelling table.

(b) Figures which form part of the basic signification of a signal are to be sent together with the basic group.

Example: "DI 20" means "I require boats for 20 persons".

"FJ 2" means "Position of accident (or survival craft) is marked by sea marker".

(c) A decimal point between numerals is to be signalled as follows:

- (i) Semaphore: spelt out, thus "Decimal";
- (ii) Flag signalling: by inserting the answering pendant where it is desired to express the decimal point.
- (iii) Flashing light and sound signalling: by "decimal point" signal AAA.
- (iv) Voice: by use of the word "DECIMAL" as indicated in the figure spelling table.

(d) Wherever the text allows depths, etc., to be signalled in feet or in metres, the figures should be followed by "F" to indicate feet or by "M" to indicate metres.

Azimuth or bearing

6. They are to be expressed in three figures denoting degrees from 000 to 359, measured clockwise. If there is any possibility of confusion, they should be preceded by the letter "A". They are always to be true unless expressly stated to be otherwise in the context.

Example: "LW 005" means "I received your transmission on bearing 005".

"LT A120 T1540" means "Your bearing from me is 120° at (local time) 1540".

Course

7. Course is to be expressed in three figures denoting degrees from 000 to 359, measured clockwise. If there is any possibility of confusion, they should be preceded by the letter "C". They are always to be true unless expressly stated to be otherwise in the context.

Example: "MD 025" means "My course is 025".

"GR C240 S18" means "Vessel coming to your rescue is steering course 240°, speed 18 knots".

Date

8. Dates are to be signalled by two, four or six figures preceded by the letter "D". The first two figures indicate the day of the month. When they are used alone they refer to the current month. Example: "D15" transmitted on the 15th or any other date in April means "15 April". The two figures which follow indicate the month of the year. Example: "D1504" means "15 April". Where necessary the year may be indicated by two further figures. Example: "D181063" means "18 October 1963".

Latitude

9. It is expressed by four figures preceded by the letter "L". The first two figures denote the degrees and the last two the minutes. The letters "N" (North) or "S" (South) follow if they are needed; however, for reasons of simplicity they may be omitted if there is no risk of confusion. Example: "L3740S" means "Latitude 37° 40'S".

Longitude

10. Longitude is expressed by four or, if necessary, five figures preceded by the letter "G". The first two (or three) figures denote the degrees and the last two the minutes. When the longitude is more than 99°, no confusion will normally arise if the figure indicating hundreds of degrees is omitted. However, where it is necessary to avoid confusion the five figures should be used. The letters "E" (East) or "W" (West) follow if they are needed, otherwise they may be omitted, as in the case of latitude. Example: "G13925E" means "Longitude 139° 25' E".

A signal requiring the indication of position to complete its signification should be signalled as follows: "CH L2537N G4015W" means "Vessel indicated is reported as requiring assistance in lat 25° 37' N long 40° 15' W".

Distance

11. Figures preceded by the letter "R" indicate distance in nautical miles. Example:

Example: "OV A080 R10" means "Mine(s) is(are) believed to be bearing 080° from me, distance 10 miles". The letter "R" may be omitted if there is no possibility of confusion.

Speed

12. Speed is indicated by figures preceded by:

- (a) the letter "S" to denote speed in knots, or
- (b) the letter "V" to denote speed in kilometres per hour.

Example: "BQ S300" means "The speed of my aircraft in relation to the surface of the earth is 300 knots" and "BQ V300" means "The speed of my aircraft in relation to the surface of the earth is 300 kilometres per hour".

Time

13. Times are to be expressed in four figures, of which the first two denote the hour (from 00 = midnight up to 23 = 11 p.m.), and the last two denote the minutes (from 00 to 59). The figures are preceded by:

- (a) the letter "T" indicating "Local time", or
- (b) the letter "Z" indicating "Greenwich Mean Time".

Examples: "BH T1045 L2015N G3840W C125" means "I sighted an aircraft at local time 1045 in lat 20°15'N long 38°40'W flying on course 125°".

"RX Z0830" means "You should proceed at GMT 0830".

Time of origin

14. The time of origin may be added at the end of the text. It should be given to the nearest minute and expressed by four figures. Apart from indicating at what time a signal originated it also serves as a convenient reference number.

Communication by Local Signal Codes

15. If a vessel or a coast station wishes to make a signal in a local code, the signal "YV 1" = "The groups which follow are from the local code" should precede the local signal, if it is necessary, in order to avoid misunderstanding.

CHAPTER V. FLAG SIGNALLING

1. As a general rule only one hoist should be shown at a time. Each hoist or group of hoists should be kept flying until it has been answered by the receiving station (see paragraph 3). When more groups than one are shown on the same halyard they must be separated by a tackline. The transmitting station should always hoist the signal where it can be most easily seen by the receiving station, that is, in such a position that the flags will blow out clear and be free from smoke.

How to call

2. The identity signal of the station(s) addressed is to be hoisted with the signal (see Chapter IV, paragraph 3). If no identity signal is hoisted it will be understood that the signal is addressed to all stations within visual signalling distance. If it is not possible to determine the identity signal of the station to which it is desired to signal, the group "VF" = "You should hoist your identity signal" or "CS" = "What is the name or identity signal of your vessel (or station)?" should be hoisted first; at the same time the station will hoist its own identity signal. The group "YQ" = "I wish to communicate by . . . (complements Table I) with vessel bearing... from me" can also be used.

How to answer signals

3. All stations to which signals are addressed or which are indicated in signals are to hoist the answering pendant at the dip as soon as they see each hoist and close up immediately they understand it; it is to be lowered to the dip as soon as the hoist is hauled down at the transmitting station, being hoisted close up again as soon as the next hoist is understood.

How to complete a signal

4. The transmitting station is to hoist the answering pendant singly after the last hoist of the signal to indicate that the signal is completed. The receiving station is to answer this in a similar manner to all other hoists (see paragraph 3).

How to act when signals are not understood

5. If the receiving station cannot clearly distinguish the signal made to it, it is to keep the answering pendant at the dip. If it can distinguish the signal but cannot understand the purport of it, it can hoist the following signals: "ZQ" = "Your signal appears incorrectly coded. You should check and repeat the whole", or "ZL" = "Your signal has been received but not understood".

The use of substitutes

6. The use of substitutes is to enable the same signal flag – either alphabetical flag or numeral pendant – to be repeated one or more times in the same group, in case only one set of flags is carried on board. The first substitute always repeats the uppermost signal flag of that class of flags which immediately precedes the substitute. The second substitute always repeats the second and the third substitute repeats the third signal flag, counting from the top of that

class of flags which immediately precedes them. No substitute can ever be used more than once in the same group. The answering pendant when used as a decimal point is to be disregarded in determining which substitute to use. Examples: The signal "VV" would be made as follows:

V
first substitute

The number 1100 would be made by numeral pendants as follows:

1
first substitute
0
third substitute

The signal L2330 would be made as follows:

L
2
3
second substitute
0

In this case, the second substitute follows a numeral pendant and therefore it can only repeat the second numeral in the group.

How to spell

7. Names in the text of a signal are to be spelt out by means of the alphabetical flags. The signal "YZ" = "The words which follow are in plain language" can be used, if necessary.

CHAPTER VI. FLASHING LIGHT SIGNALLING

1. A signal made by flashing light is divided into the following parts:
 - (a) The call. It consists of the general call or the identity signal of the station to be called. It is answered by the answering signal.
 - (b) The identity. The transmitting station makes "DE" followed by its identity signal or name. This will be repeated back by the receiving station which then signals its own identity signal or name. This will also be repeated back by the transmitting station.
 - (c) The text. This consists of plain language or code groups. When code groups are to be used they should be preceded by the signal "YU". Words of plain language may also be in the text, when the signal includes names, places, etc. Receipt of each word or group is acknowledged by "T".
 - (d) The ending. It consists of the ending signal "AR" which is answered by "R".
2. If the entire text is in plain language the same procedure is to be followed. The call and identity may be omitted when two stations have established communications and have already exchanged signals.
3. A list of procedure signals appears in pages 21 and 22. Although the use of these signals is self-explanatory, the following notes might be found useful:
 - (a) The General call signal (or call for unknown station) "AA AA AA" etc., is made to attract attention when wishing to signal to all stations within visual signalling distance or to a station whose name or identity signal is not known. The call is continued until the station addressed answers.
 - (b) The Answering signal "TTTT" etc., is made to answer the call and it is to be continued until the transmitting station ceases to make the call. The transmission starts with the signal "DE" followed by the name or identity signal of the transmitting station.
 - (c) The letter "T" is used to indicate the receipt of each word or group.
 - (d) The Erase signal "EEEEEE" etc., is used to indicate that the last group or word was signalled incorrectly. It is to be answered with the erase signal. When answered, the transmitting station will repeat the last word or group which was correctly signalled and then proceed with the remainder of the transmission.
 - (e) The Repeat signal "RPT" is to be used as follows:
 - (i) by the transmitting station to indicate that it is going to repeat ("I repeat"). If such a repetition does not follow immediately after RPT, the signal should be interpreted as a request to the receiving station to repeat the signal received ("Repeat what you have received").
 - (ii) by the receiving station to request for a repetition of the signal transmitted ("Repeat what you have sent").
 - (iii) The special Repetition signals "AA", "AB", "WA", "WB" and "BN" are made by the receiving station as appropriate. In each case they are made immediately

after the repeat signal "RPT". Example: "RTP AB KL" means "Repeat all before group KL", "RPT BN 'boats' 'survivors'" means "Repeat all between words "boats" and "survivors". If a signal is not understood, or, when decoded, it is not intelligible, the repeat signal is not used. The receiving station must then make the appropriate signal from the code, e.g. "Your signal has been received but not understood".

- (f) A correctly received repetition is acknowledged by the signal "OK". The same signal may be used as an affirmative answer to a question ("It is correct").
- (g) The Ending signal "AR" is used in all cases to indicate the end of a signal or the end of the transmission. The receiving station answers with the signal "R" = "Received" or "I have received your last signal".
- (h) The transmitting station makes the signal "CS" when requesting the name or identity signal of the receiving station.
- (i) The waiting signal or period signal "AS" is to be used as follows:
 - (i) When made independently or after the end of a signal it indicates that the other station must wait for further communications (waiting signal);
 - (ii) When it is inserted between groups it serves to separate them (period signal) to avoid confusion.
- (j) The signal "C" should be used to indicate an affirmative statement or an affirmative reply to an interrogative signal; the signal "RQ" should be used to indicate a question. For a negative reply to an interrogative signal or for a negative statement, the signal "N" should be used in visual or sound signalling and the signal "NO" should be used for voice or radio transmission.

When the signals "N" or "NO" and "RQ" are used to change an affirmative signal into a negative statement or into a question, respectively, they should be transmitted after the main signal. Example: "CY N" (or "NO" as appropriate) = "Boat(s) is(are) not coming to you.", "CW RQ" = "Is boat/raft on board?".

The signals "C", "N" or "NO" and "RQ" cannot be used in conjunction with single-letter signals.

CHAPTER VII. SOUND SIGNALLING

1. Owing to the nature of the apparatus used (whistle, siren, fog-horn, etc.) sound signalling is necessarily slow. Moreover, the misuse of sound signalling is of a nature to create serious confusion at sea. Sound signalling in fog should therefore be reduced to a minimum. Signals other than the single-letter signals should be used only in extreme emergency and never in frequented navigational waters.
2. The signals should be made slowly and clearly. They may be repeated, if necessary, but at sufficiently long intervals to ensure that no confusion can arise and that one-letter signals cannot be mistaken as two-letter groups.
3. Masters are reminded that the one-letter signals of the Code, which are marked *, when made by sound, may only be made in compliance with the requirements of the International Regulations for Preventing Collisions at Sea. Reference is also made to the single-letter signals provided for exclusive use between an ice-breaker and assisted vessels.

CHAPTER VIII. RADIOTELEPHONY

1. When using the International Code of Signals in cases of language difficulties, the principles of the Radio Regulations of the International Telecommunication Union then in force have to be observed. Letters and figures are to be spelled in accordance with the spelling tables.
2. When coast and ship stations are called, the identity signals (call signs) or names shall be used.

Method of calling

3. The call consists of:
 - the call sign or name of the station called, not more than three times at each call;
 - the group "DE" (DELTA ECHO);
 - the call sign or name of the calling station, not more than three times at each call.

Difficult names of stations should also be spelled. After contact has been established, the call sign or name need not be sent more than once.

Form of reply to calls

4. The reply to calls consists of:
 - the call sign or name of the calling station, not more than three times;
 - the group "DE" (DELTA ECHO);
 - the call sign or name of the station called, not more than three times.

Calling all stations in the vicinity

5. The group "CQ" (CHARLIE QUEBEC) shall be used, but not more than three times at each call.
6. In order to indicate that Code Groups of the International Code of Signals are following, the word "INTERCO" is to be inserted. Words of plain language may also be in the text when the signal includes names, places, etc. In this case the Group "YZ" (YANKEE ZULU) is to be inserted if necessary.
7. If the station called is unable to accept traffic immediately, it should transmit the signal "AS" (ALFA SIERRA), adding the duration of waiting time in minutes whenever possible.
8. The receipt of a transmission is indicated by the signal "R" (ROMEO).
9. If the transmission is to be repeated in total or in part, the signal "RPT" (ROMEO PAPA TANGO) shall be used, supplemented as necessary by:

AA (ALFA ALFA) = all after . . .
AB (ALFA BRAVO) = all before . . .
BN (BRAVO NOVEMBER) = all between . . . and . . .
WA (WHISKEY ALFA) = word or group after . . .
WB (WHISKEY BRAVO) = word or group before . . .

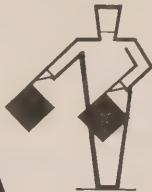
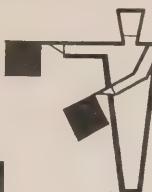
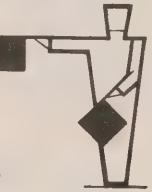
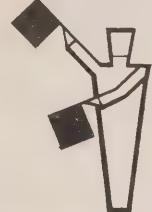
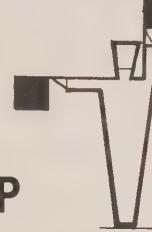
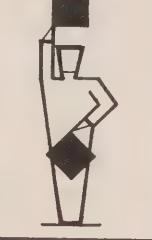
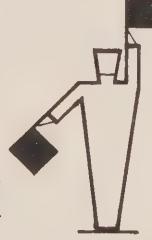
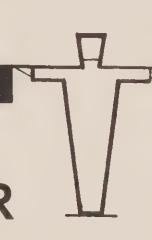
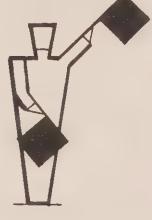
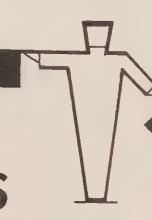
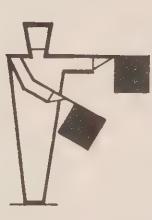
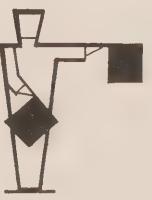
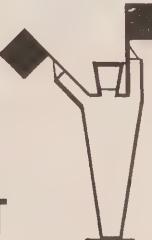
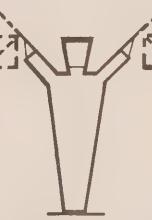
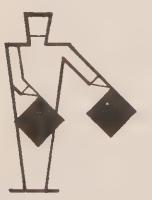
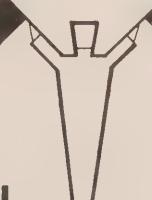
10. The end of a transmission is indicated by the signal "AR" (ALFA ROMEO).

CHAPTER IX. SIGNALLING BY HAND-FLAGS OR ARMS

I. Signalling by Semaphore

1. A station which desires to communicate with another station by semaphore may indicate the requirement by transmitting to that station the signal "K1" (KILO UNAONE) by any method. If the stations are close to one another the attention sign may be made instead.
2. On receipt of the call, the station addressed should hoist the answering pendant at the dip, or make the answering sign, or, if unable to communicate by semaphore, should reply with the signal "YS 1".
3. The sender will make the attention sign and wait until the answering pendant is hoisted close up, or the answering sign is made by the station addressed, commencing transmission after a reasonable pause.
4. The signal should always be made in plain language and numbers occurring in a semaphore signal are always to be spelt out in words.
5. At the end of each word the arms are to be dropped to the break position. When double letters occur, the arms are to be dropped to the break position after the first letter is made and then moved out to the second letter without pausing. The erase signal is a succession of E's.
6. The reception of each word is to be indicated by the receiving station making the letter "C". If this letter is not made the word is to be repeated.
7. All signals will end with the ending signal "AR".

TABLE OF SIGNALLING BY SEMAPHORE

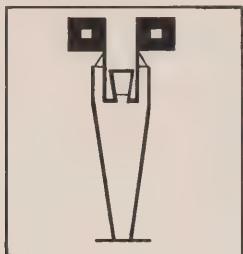
			
			
			
			
			
			 ATTENTION SIGN
			 BREAK SIGN

II. Morse Signalling by Hand-flags or Arms

1. A station which desires to communicate with another station by Morse signalling by hand-flags or arms may indicate the requirement by transmitting to that station the signal "K2" by any method. The call signal "AA AA AA" may be made instead.
2. On receipt of the call the station addressed should make the answering signal, or, if unable to communicate by this means, should reply with the signal "YS2" by any available method.
3. The call signal "AA AA AA" and the signal "T" should be used respectively by the transmitting station and the addressed station.
4. Normally both arms should be used for this method of transmission but in cases where this is difficult or impossible one arm can be used.
5. All signals will end with the ending signal "AR".

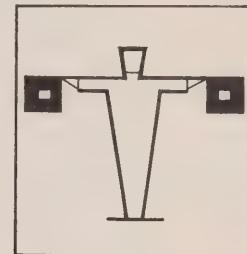
TABLE OF MORSE SIGNALLING BY HAND-FLAGS OR ARMS

1. Raising both hand-flags or arms



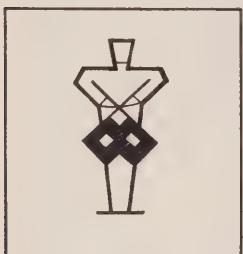
"dot"

2. Spreading out both hand-flags or arms at shoulder-level



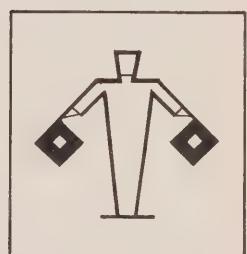
"dash"

3. Hand-flags or arms brought before the chest



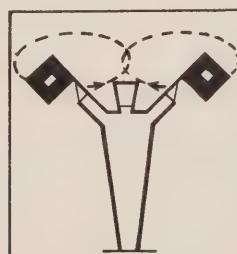
Separation of "dots" and/or "dashes"

4. Hand-flags or arms kept at 45° away from the body downwards



Separation of letters, groups or words

5. Circular motion of hand-flags or arms over the head



- erase signal, if made by the transmitting station.
- request for repetition if by the receiving station.

Note: The space of time between dots and dashes and between letters, groups or words should be such as to facilitate correct reception.

CHAPTER X. MORSE SYMBOLS – PHONETIC TABLES – PROCEDURE SIGNALS

MORSE SYMBOLS

ALPHABET

A	. -	I	..	Q	-- . -	Y	- . --
B	- ...	J	. - - -	R	. - .	Z	- - ..
C	- . - .	K	- . -	S	...		
D	- . .	L	. - . .	T	-		
E	.	M	--	U	.. -		
F	.. - .	N	- .	V	... -		
G	- - .	O	- - -	W	. - -		
H	P	. - - .	X	- . . -		

NUMERALS

1	. - - - -	6	-
2	.. - - -	7	- - . . .
3	... - -	8	- - - - .
4 -	9	- - - - - .
5	0	- - - - - -

PROCEDURE SIGNALS

<u>AR</u>	. - . - .
<u>AS</u>	. - . . .
<u>AAA</u>	. - . - . -

Note: Certain letters, such as "ë", "ä", "ö" etc., have been omitted from this list of Morse Symbols because:

- they are not to be used internationally;
- they are contained in local codes, and
- some of them can be substituted by a combination of two letters.

PHONETIC TABLES

for the pronunciation of letters and figures
by radiotelephony or voice over a loud hailer

LETTER SPELLING TABLE

Letter	Code Word	Pronunciation of the code word	
		English	French
A	Alfa	<u>AL</u> FAH	<u>AL</u> FAH
B	Bravo	<u>BRAH</u> VOH	<u>BRA</u> VO
C	Charlie	<u>CHAR</u> LEE or <u>SHAR</u> LEE	<u>TCHAH</u> LI (ou <u>CHAR</u> LI)
D	Delta	<u>DELL</u> TAH	<u>DEL</u> TAH
E	Echo	<u>ECK</u> OH	<u>ÈK</u> O
F	Foxtrot	<u>FOKS</u> TROT	<u>FOX</u> TROTT
G	Golf	GOLF	GOLF
H	Hotel	HOH <u>TELL</u>	HO <u>TÈLL</u>
I	India	<u>IN</u> DEE AH	<u>IN</u> DI AH
J	Juliett	<u>JEW</u> LEE <u>ETT</u>	<u>DJOU</u> LI <u>ÈTT</u>
K	Kilo	<u>KEY</u> LOH	<u>KI</u> LO
L	Lima	<u>LEE</u> MAH	<u>LI</u> MAH
M	Mike	MIKE	<u>MA</u> ïK
N	November	<u>NO</u> <u>VEM</u> BER	<u>NO</u> <u>VÈMM</u> BER
O	Oscar	<u>OSS</u> CAH	<u>OSS</u> KAR
P	Papa	<u>PAH</u> <u>PAH</u>	<u>PAH</u> <u>PAH</u>
Q	Quebec	<u>KEH</u> <u>BECK</u>	<u>KÉ</u> <u>BÈK</u>
R	Romeo	<u>ROW</u> ME OH	<u>RO</u> MI O
S	Sierra	SEE <u>AIR</u> RAH	SI <u>ÈR</u> RAH
T	Tango	<u>TANG</u> GO	<u>TANG</u> GO
U	Uniform	<u>YOU</u> NEE FORM or <u>OO</u> NEE FORM	<u>YOU</u> NI FORM (ou <u>OU</u> NI FORM)
V	Victor	<u>VIK</u> TAH	<u>VIK</u> TAR
W	Whiskey	<u>WISS</u> KEY	<u>OUISS</u> KI
X	X-ray	<u>ECKS</u> RAY	<u>ÈKSS</u> RÉ
Y	Yankee	<u>YANG</u> KEY	<u>YANG</u> KI
Z	Zulu	<u>ZOO</u> LOO	<u>ZOU</u> LOU

Note: The underlined syllables are emphasized.

FIGURE SPELLING TABLE

Figure or mark to be transmitted	Code Word	<u>Pronunciation</u>	
		English	French
0	NADAZERO	NAH-DAH-ZAY-ROH	NA-DA-ZE-RO
1	UNAONE	OO-NAH-WUN	OUNA-OUANN
2	BISSOTWO	BEES-SOH-TOO	BIS-SO-TOU
3	TERRATHREE	TAY-RAH-TREE	TÉ-RA-TRI
4	KARTEFOUR	KAR-TAY-FOWER	KAR-TÉ-FO-EUR
5	PANTAFIVE	PAN-TAH-FIVE	PANN-TA-FAIF
6	SOXISIX	SOK-SEE-SIX	SO-XI-SICKS
7	SETTESEVEN	SAY-TAY-SEVEN	SÉT-TÉ-SEV'N
8	OKTOEIGHT	OK-TOH-AIT	OK-TO-EIT
9	NOVENINE	NO-VAY-NINER	NO-VÉ-NAI-NEU
Decimal point	DECIMAL	DAY-SEE-MAL	DÉ-SI-MAL
Full Stop	STOP	STOP	STOP

Note: Each syllable should be equally emphasized.

The second component of each code word is the code word used in the Aeronautical Mobile Service.

PROCEDURE SIGNALS

A bar over the letters composing a signal denotes that the letters are to be made as one symbol.

1. Signals for voice transmissions (radiotelephony or loud hailer)

Signal	Pronunciation		Meaning
	English	French	
Interco	IN-TER-CO	IN-TER-CO	International Code Group(s) follow(s)
Stop	STOP	STOP	Full stop
Decimal	DAY-SEE-MAL	DÉ-SI-MAL	Decimal point
Correction	KOR-REK-SHUN	KOR-REK-CHEUNE	Cancel my last word or group. The correct word or group follows.

2. Signals for flashing-light transmission

AA AA AA etc.	Call for unknown station or general call
EEEEEE etc.	Erase signal
AAA	Full stop or decimal point
TTTT etc	Answering signal
T	Word or group received.

3. Signals for flags, radiotelephony and radiotelegraphy transmissions

CQ Call for unknown station(s) or general call to all stations

Note: When this signal is used in voice transmission, it should be pronounced in accordance with the letter-spelling table.

4. Signals for use where appropriate in all forms of transmission

AA	"All after ..." (used after the "Repeat signal" (RPT)) means "Repeat all after ...".
AB	"All before ..." (used after the "Repeat signal" (RPT)) means "Repeat all before ...".
AR	Ending signal or End of Transmission or signal.
AS	Waiting signal or period.
BN	"All between ... and ..." (used after the "Repeat signal" (RPT)) means "Repeat all between ... and ...".
C	Affirmative – YES or "The significance of the previous group should be read in the affirmative".
CS	"What is the name or identity signal of your vessel (or station)?".
DE	"From ..." (used to precede the name or identity signal of the calling station).
K	"I wish to communicate with you" or "Invitation to transmit".
NO	Negative – NO or "The significance of the previous group should be read in the negative". When used in voice transmission the pronunciation should be "NO".
OK	Acknowledging a correct repetition or "It is correct".
RQ	Interrogative, or, "The significance of the previous group should be read as a question".
R	"Received" or "I have received your last signal".
RPT	Repeat signal "I repeat" or "Repeat what you have sent" or "Repeat what you have received".
WA	"Word or group after ..." (used after the "Repeat signal" (RPT)) means "Repeat word or group after ...".
WB	"Word or group before ..." (used after the "Repeat signal" (RPT)) means "Repeat word or group before ...".

Note: (a) The procedure signals "C", "NO" and "RQ" cannot be used in conjunction with single letter signals.

(b) Signals on COMMUNICATIONS appear on pages 99-101.

(c) When these signals are used by voice transmission the letters should be pronounced in accordance with the letter-spelling table, with the exception of "NO" which in voice transmission should be pronounced as "NO".

SINGLE-LETTER SIGNALS

May be made by any method of signalling.
For those marked * see note (1).

- A I have a diver down; keep well clear at slow speed.
- * B I am taking in, or discharging, or carrying dangerous goods.
- C Yes (affirmative or "The significance of the previous group should be read in the affirmative").
- * D Keep clear of me; I am manoeuvring with difficulty.
- * E I am altering my course to starboard.
- F I am disabled; communicate with me.
- G I require a pilot. When made by fishing vessels operating in close proximity on the fishing grounds it means "I am hauling nets".
- * H I have a pilot on board.
- * I I am altering my course to port.
- J I am on fire and have dangerous cargo on board: keep well clear of me.
- K I wish to communicate with you.
- L You should stop your vessel instantly.
- M My vessel is stopped and making no way through the water.
- N No (negative or "The significance of the previous group should be read in the negative"). This signal may be given only visually or by sound. For voice or radio transmission the signal should be "NO".
- O Man overboard.
- P In harbour. All persons should report on board as the vessel is about to proceed to sea.
At sea. It may be used by fishing vessels to mean "My nets have come fast upon an obstruction".
- Q My vessel is "healthy" and I request free pratique.
- * S My engines are going astern.
- * T Keep clear of me; I am engaged in pair trawling.

- U You are running into danger.
- V I require assistance.
- W I require medical assistance.
- X Stop carrying out your intentions and watch for my signals.
- Y I am dragging my anchor.
- Z I require a tug. When made by fishing vessels operating in close proximity on the fishing grounds it means: "I am shooting nets".

NOTE:

- (1) Signals of letters marked * when made by sound may only be made in compliance with the requirements of the International Regulations for Preventing Collisions at Sea, Rules 15 and 28.
- (2) Signals K and S have special meanings as landing signals for small boats with crews or persons in distress. (International Convention for the Safety of Life at Sea, 1960, Chapter V, Regulation 16).

SINGLE-LETTER SIGNALS WITH COMPLEMENTS

May be made by any method of signalling

- | | |
|------------------------------------|---|
| A – with three numerals | – AZIMUTH or BEARING |
| C – with three numerals | – COURSE |
| D – with two, four or six numerals | – DATE |
| G – with four or five numerals | – LONGITUDE (the last two numerals denote minutes and the rest degrees) |
| K – with one numeral | – I wish to COMMUNICATE with you by ... (complements Table I) |
| L – with four numerals | – LATITUDE (the first two denote degrees and the rest minutes) |
| R – with one or more numerals | – DISTANCE in nautical miles |
| S – with one or more numerals | – SPEED in knots |
| T – with four numerals | – LOCAL TIME (the first two denote hours and the rest minutes) |
| V – with one or more numerals | – SPEED in kilometres per hour |
| Z – with four numerals | – GMT (the first two denote hours and the rest minutes) |

AZIMUTH or BEARING

COMMUNICATE, I wish to communicate with you by ...
(complements Table I)

COURSE

DATE

DISTANCE in nautical miles

GMT (the first two denote hours and the rest minutes)

LATITUDE (the first two denote degrees and the rest minutes)

LONGITUDE (the last two numerals denote minutes and the rest degrees)

LOCAL TIME (the first two denote hours and the rest minutes)

SPEED in kilometres per hour

SPEED in knots

– A with three numerals

– K with one numeral

– C with three numerals

– D with two, four or six numerals

– R with one or more numerals

– Z with four numerals

– L with four numerals

– G with four or five numerals

– T with four numerals

– V with one or more numerals

– S with one or more numerals

SINGLE-LETTER SIGNALS BETWEEN ICE-BREAKER AND ASSISTED VESSELS

The following single-letter signals, when made between an ice-breaker and assisted vessels, have only the significations given in this table and are only to be made by sound, visual or radiotelephony signals.

WM Ice-breaker support is now commencing. Use special ice-breaker support signals and keep continuous watch for sound, visual or radiotelephony signals.

WO Ice-breaker support is finished. Proceed to your destination.

Code letters or figures	Ice-breaker	Assisted vessel(s)
A .-	Go ahead (proceed along the ice channel).	I am going ahead (I am proceeding along the ice channel).
G ---.	I am going ahead; follow me.	I am going ahead; I am following you.
J .---	Do not follow me (proceed along the ice channel).	I will not follow you (I will proceed along the ice channel).
P .--.	Slow down.	I am slowing down.
N -.	Stop your engines.	I am stopping my engines.
H	Reverse your engines.	Reverse your engines.
L .-..	You should stop your vessel instantly.	I am stopping my vessel.
4-	Stop. I am ice-bound.	Stop. I am ice-bound.
Q ---.-	Shorten the distance between vessels.	I am shortening the distance.
B -... .	Increase the distance between vessels.	I am increasing the distance.
5	Attention.	Attention.
Y - .--	Be ready to take (or cast off) the tow line.	I am ready to take (or cast off) the tow line.

NOTES:

1. The signal "K" (— . —) by sound or light may be used by an ice-breaker to remind ships of their obligation to listen continuously on their radio.
2. If more than one vessel is assisted, the distances between vessels should be as constant as possible; watch speed of your own vessel and vessel ahead. Should speed of your own vessel go down, give attention signal to the following vessel.
3. The use of these signals does not relieve any vessel from complying with the International Regulations for Preventing Collisions at Sea.
4.

...—...	Stop your headway (given only to a ship in an ice-channel ahead of an approaching or going away from ice-breaker).	I am stopping headway.
---------	--	------------------------

This signal should not be made by radiotelephone.

Single-letter signals which may be used during ice-breaking operations:

*E .	I am altering my course to starboard.
*I ..	I am altering my course to port.
*S ...	My engines are going astern.
M --	My vessel is stopped and making no way through the water.

NOTES:

- (1) Signals of letters marked *, when made by sound, may only be made in compliance with the requirements of the International Regulations for Preventing Collisions at Sea.
- (2) Additional signals for ice-breaking support can be found on pages 93-94.

GENERAL SECTION

I. DISTRESS - EMERGENCY

ABANDON

- *AA Repeat all after ...
- *AB Repeat all before ...
- AC I am abandoning my vessel.
- AD I am abandoning my vessel which has suffered a nuclear accident and is a possible source of radiation danger.
- AE I must abandon my vessel.
- AE 1 I (or crew of vessel indicated) wish to abandon my (or their) vessel but have not the means.
- AE 2 I shall abandon my vessel unless you will remain by me, ready to assist.
- AF I do not intend to abandon my vessel.
- AF 1 Do you intend to abandon your vessel?
- AG You should abandon your vessel as quickly as possible.
- AH You should not abandon your vessel.
- AI Vessel (indicated by position and/or name or identity signal if necessary) will have to be abandoned.

ACCIDENT - DOCTOR - INJURED/SICK

Accident

- AJ I have had a serious nuclear accident and you should approach with caution.
- AK I have had nuclear accident on board.
- I am abandoning my vessel which has suffered a nuclear accident and is a possible source of radiation danger. AD
- I am proceeding to the position of accident. SB
- I am proceeding to the position of accident at full speed. Expect to arrive at time indicated. FE
- Are you proceeding to the position of accident? If so, when do you expect to arrive? FE 1

* Procedural signals for repetition.

You should steer course ... (or follow me) to reach position of accident.	FL
I am circling over the area of accident.	BJ
An aircraft is circling over the area of accident.	BJ 1
Position of accident (or survival craft) is marked.	FJ
Position of accident (or survival craft) is marked by flame or smoke float.	FJ 1
Position of accident (or survival craft) is marked by sea marker.	FJ 2
Position of accident (or survival craft) is marked by sea marker dye.	FJ 3
Position of accident (or survival craft) is marked by radio beacon.	FJ 4
Position of accident (or survival craft) is marked by wreckage.	FJ 5
Is position of accident (or survival craft) marked?	FK
I have searched area of accident but have found no trace of derelict or survivors.	GC 2
Man overboard. Please take action to pick him up (position to be indicated if necessary).	GW

Doctor

AL	I have a doctor on board.	
AM	Have you a doctor?	
AN	I need a doctor. AN 1 I need a doctor; I have severe burns. AN 2 I need a doctor; I have radiation casualties.	
	I require a helicopter urgently, with a doctor.	BR 2
	Helicopter is coming to you now (or at time indicated) with a doctor.	BT 2

Injured/sick

AO	Number of injured and/or dead not yet known. AO 1 How many injured? AO 2 How many dead?
AP	I have ...(number) casualties.

AQ	I have injured/sick person (or number of persons indicated) to be taken off urgently.	
	I cannot alight but I can lift injured/sick person.	AZ 1
	You cannot alight on the deck; can you lift injured/sick person?	BA 2
	I require a helicopter urgently to pick up injured/sick person.	BR 3
	You should send a helicopter/boat with a stretcher.	BS
	A helicopter/boat is coming to take injured/sick.	BU
AT	You should send injured/sick persons to me.	
AIRCRAFT – HELICOPTER		
	<u>Alight – landing</u>	
AU	I am forced to alight near you (or in position indicated).	
AV	I am alighting (in position indicated if necessary) to pick up crew of vessel/ aircraft.	
AW	Aircraft should endeavour to alight where flag is waved or light is shown.	
AX	You should train your searchlight nearly vertical on a cloud, intermittently if possible, and, if my aircraft is seen, deflect the beam up wind and on the water to facilitate my landing.	
	AX 1 Shall I train my searchlight nearly vertical on a cloud, intermittently if possible, and, if your aircraft is seen, deflect the beam up wind and on the water to facilitate your landing?	
AY	I will alight on your deck; (you should steer course ... speed ... knots).	
AZ	I cannot alight but I can lift crew.	
	AZ 1 I cannot alight but I can lift injured/sick person.	
BA	You cannot alight on the deck.	
	BA 1 You cannot alight on the deck; can you lift crew?	
	BA 2 You cannot alight on the deck; can you lift injured/sick person?	
BB	You may alight on my deck.	
	BB 1 You may alight on my deck; I am ready to receive you forward.	
	BB 2 You may alight on my deck; I am ready to receive you amidship.	
	BB 3 You may alight on my deck; I am ready to receive you aft.	
	BB 4 You may alight on my deck but I am not yet ready to receive you.	

Communications

BC I have established communications with the aircraft in distress on 2182 kc/s.
BC 1 Can you communicate with the aircraft?

BD I have established communications with the aircraft in distress on ... kc/s.

BE I have established communications with the aircraft in distress on ... Mc/s.

Ditched – disabled – afloat

BF Aircraft is ditched in position indicated and requires immediate assistance.

I sighted disabled aircraft in lat ... long ... at time indicated.

DS

BG Aircraft is still afloat.

Flying

BH I sighted an aircraft at time indicated in lat ... long ... flying on course ...

BH 1 Aircraft was flying at high altitude.

BH 2 Aircraft was flying at low altitude.

BI I am flying to likely position of vessel in distress.

BI 1 I am flying at low altitude near the vessel.

BJ I am circling over the area of accident.

BJ 1 An aircraft is circling over the area of accident.

BK You are overhead.

BK 1 Am I overhead?

BL I am having engine trouble but am continuing flight.

Parachute

BM You should parachute object to windward. Mark it by smoke or light signal.

BM 1 I am going to parachute object to windward, marking it by smoke or light signal.

BM 2 I am going to parachute equipment.

BM 3 Inflatable raft will be dropped to windward by parachute.

* BN Repeat all between ... and ...

BO We are going to jump by parachute.

* Procedural signal for repetition.

Search – assistance

- BP Aircraft is coming to participate in search. Expected arrive over the area of accident at time indicated.
- The search area of the aircraft is between lat ... and ..., and long ... and ... FU
- Search by aircraft/helicopter will be discontinued because of unfavourable conditions. FV
- SAR aircraft is coming to your assistance. CP 1

Speed

- BQ The speed of my aircraft in relation to the surface of the earth is ... (knots or kilometres per hour).
- BQ 1 What is the speed of your aircraft in relation to the surface of the earth?

Helicopter

- BR I require a helicopter urgently.
- BR 1 I require a helicopter urgently to pick up persons.
- BR 2 I require a helicopter urgently with a doctor.
- BR 3 I require a helicopter urgently to pick up injured/sick person.
- BR 4 I require a helicopter urgently with inflatable raft.
- BS You should send a helicopter/boat with stretcher.
- BT Helicopter is coming to you now (or at time indicated).
- BT 1 Helicopter is coming to you now (or at time indicated) to pick up persons.
- BT 2 Helicopter is coming to you now (or at time indicated) with a doctor.
- BT 3 Helicopter is coming to you now (or at time indicated) to pick up injured/sick person.
- BT 4 Helicopter is coming to you now (or at time indicated) with inflatable raft.
- BU A helicopter/boat is coming to take injured/sick.
- BV I cannot send a helicopter.

Course – bearing

- BW The magnetic course for you to steer towards me (or vessel or position indicated) is ... (at time indicated).
- BX The magnetic course for the helicopter to regain its base is ...
- BY Will you indicate the magnetic course for me to steer towards you (or vessel or position indicated)?
- BZ Your magnetic bearing from me (or from vessel or position indicated) is ... (at time indicated).
- CA What is my magnetic bearing from you (or from vessel or position indicated)?

ASSISTANCE

Required

- I am in distress and require immediate assistance. NC
- CB I require immediate assistance.
- CB 1 I require immediate assistance; I have a dangerous list.
 - CB 2 I require immediate assistance; I have damaged steering gear.
 - CB 3 I require immediate assistance; I have a serious disturbance on board.
 - CB 4 I require immediate assistance; I am aground.
 - CB 5 I require immediate assistance; I am drifting.
 - CB 6 I require immediate assistance; I am on fire.
 - CB 7 I require immediate assistance; I have sprung a leak.
 - CB 8 I require immediate assistance; propeller shaft is broken.
- CC I am (or vessel indicated is) in distress in lat ... long ... (or bearing ... from place indicated, distance ...), and require immediate assistance (complements Table II, if required). V
- I require assistance.
- CD I require assistance in the nature of ... (complements Table II). W
- I require medical assistance.
- I request assistance from fishery protection (or fishery assistance) vessel ... TY
- CE I will attempt to obtain for you the assistance required.

	Aircraft is ditched in lat ... long... and requires immediate assistance.	BF
CF	Signals from vessel/aircraft requesting assistance are coming from bearing ...from me (lat ... long ... if necessary).	
CG	Stand by to assist me (or vessel indicated). CG 1 I will stand by to assist you (or vessel indicated).	
	Survivors are in bad condition. Medical assistance is urgently required.	HM
CH	Vessel indicated is reported as requiring assistance in lat ... long ... (or bearing ... from place indicated, distance ...). CH 1 Lightvessel (or lighthouse) indicated requires assistance. CH 2 Space ship is down in lat ... long ... and requires immediate assistance.	
CI	Vessel aground in lat ... long ... requires assistance.	
CJ	Do you require assistance? CJ 1 Do you require immediate assistance? CJ 2 Do you require any further assistance? CJ 3 What assistance do you require? CJ 4 Can you proceed without assistance?	
	<u>Not required – declined</u>	
CK	Assistance is not (or is no longer) required by me (or vessel indicated).	
CL	I offered assistance but it was declined.	
	<u>Given – not given</u>	
CM	One or more vessels are assisting the vessel in distress. CM 1 Vessel/aircraft reported in distress is receiving assistance.	
CN	You should give all possible assistance. CN 1 You should give immediate assistance to pick up survivors. CN 2 You should send survival craft to assist vessel indicated.	
CO	Assistance cannot be given to you (or vessel/aircraft indicated). CO 1 I cannot give the assistance required.	

Proceeding to assistance

CP	I am (or vessel indicated is) proceeding to your assistance. CP 1 SAR aircraft is coming to your assistance.	
*CQ	Call for unknown station(s) or general call to all stations.	
DR	I am proceeding to the assistance of vessel/aircraft in distress (lat ... long ...).	
*CS	What is the name or identity signal of your vessel (or station)?	
CT	I (or vessel indicated) expect to reach you at time indicated.	
CU	Assistance will come at time indicated. CU 1 I can assist you.	
CV	I am unable to give assistance. CV 1 Will you go to the assistance of vessel indicated (in lat ... long ...)? CV 2 May I assist you? CV 3 Can you assist me (or vessel indicated)? CV 4 Can you assist?	
	Can you offer assistance? (Complements Table II)	TZ
	I shall abandon my vessel unless you will remain by me, ready to assist.	AE 2
	I cannot get the fire under control without assistance.	IX 1
	I can get the fire under control without assistance.	IY
	Can you get the fire under control without assistance?	IY 1
	I have placed the collision mat. I can proceed without assistance.	KA 1
	I cannot take you (or vessel indicated) in tow, but I will report you and ask for immediate assistance.	KN 1
	I cannot steer without assistance.	PK

BOATS - RAFTS

CW	Boat/raft is on board. CW 1 Boat/raft is safe. CW 2 Boat/raft is in sight. CW 3 Boat/raft is adrift. CW 4 Boat/raft is aground..
----	--

* Procedural signals

	CW 5	Boat/raft is alongside.
	CW 6	Boat/raft is damaged.
	CW 7	Boat/raft has sunk.
	CW 8	Boat/raft has capsized.
CX	CX	Boats cannot be used.
	CX 1	Boats cannot be used because of prevailing weather conditions.
	CX 2	Boats cannot be used on the starboard side because of list.
	CX 3	Boats cannot be used on the port side because of list.
	CX 4	Boats cannot be used to disembark people.
	CX 5	Boats cannot be used to get alongside.
	CX 6	Boats cannot be used to reach you.
	CX 7	I cannot send a boat.
CY	CY	Boat(s) is(are) coming to you.
	CY 1	Boat/raft is making for the shore.
	CY 2	Boat/raft has reached the shore.
CZ	CZ	You should make a lee for the boat(s)/raft(s).
	CZ 1	You should discharge oil to smooth sea.
DA	DA	Boat(s)/raft(s) should approach a vessel as near as possible to take off persons.
	DA	A boat/helicopter is coming to take injured/sick.
DB	DB	Veer a boat or raft on a line.
DC	DC	Boat should endeavour to land where flag is waved or light is shown.
DD	DD	Boats are not allowed to come alongside.
	DD 1	Boats are not allowed to land (after time indicated).
*DE	DE	From ...
		<u>Available</u>
DF	DF	I have ... (number) serviceable boats.
DG	DG	I have a motor boat [or ... (number) motor boats].

*Procedural signal used to precede the name or identity signal of the calling station.

DH	I have no boat/raft.	
	DH 1 I have no motor boat.	
	DH 2 Have you any boats with radiotelegraph installation or portable radio equipment?	
	DH 3 How many serviceable motor boats have you?	
	DH 4 How many serviceable boats have you?	
		<u>Required</u>
DI	I require boats for ... (number) persons.	
DJ	Do you require a boat?	
		<u>Send</u>
DK	You should send all available boats/rafts.	
	DK 1 You should send back my boat.	
	DK 2 Can you send a boat?	
	You should send a boat/helicopter with stretcher.	BS
	You should send survival craft to assist vessel indicated.	CN 2
	You should stop, or heave to; I am going to send a boat.	SQ 2
DL	I can send a boat.	
	DL 1 I am sending a boat.	
	I cannot send a boat.	CX 7
		<u>Search</u>
DM	You should search for the boat(s)/raft(s).	
DN	I have found the boat/raft.	
	DN 1 Have you seen or heard anything of the boat/raft?	
DO	Look out for boat/raft in bearing ... distance ... from me (or lat ... long ...).	
DP	There is a boat/raft in bearing ... distance ... from me (or lat ... long ...).	
DQ	An empty boat/raft has been sighted in lat ... long ... (or bearing ... from place indicated, distance ...).	

DISABLED – DRIFTING – SINKING

Disabled

- DR Have you sighted disabled vessel/aircraft in approximate lat ... long ... ?
- DS I sighted disabled aircraft in lat ... long ... at time indicated.
- DT I sighted disabled vessel in lat ... long... at time indicated.
DT 1 I sighted disabled vessel in lat ... long ... at time indicated,
apparently without a radio.
- I am disabled; communicate with me.

F

Drifting

- DU I am drifting at ... (number) knots, towards ... degrees.
- DV I am drifting.
DV 1 I am adrift.
- DW Vessel (name or identity signal) is drifting near lat ... long ...
I require immediate assistance; I am drifting.
- I am (or vessel indicated is) breaking adrift.
- I have broken adrift.

CB 5

RC

RC 1

Sinking

- DX I am sinking (lat ... long ... if necessary).
- DY Vessel (name or identity signal) has sunk in lat ... long ...
DY 1 Did you see vessel sink?
DY 2 Where did vessel sink?
DY 3 Is it confirmed that vessel (name or identity signal) has sunk?
DY 4 What is the depth of water where vessel sunk?

DISTRESS

Vessel/aircraft in distress

- I am in distress and require immediate assistance.
- DZ Vessel (or aircraft) indicated appears to be in distress.

NC

	DZ 1	Is vessel (or aircraft) indicated in distress?
	DZ 2	What is the name (or identity signal) of vessel in distress?
EA		Have you sighted or heard of a vessel in distress? (approximate position lat ... long ... or bearing ... from place indicated, distance ...).
	EA 1	Have you any news of vessel/aircraft reported missing or in distress in this area?
		I am (or vessel indicated is) in distress in lat ... long ... (or bearing ... from place indicated, distance ...) and require immediate assistance (complements Table II if required).
EB		There is a vessel (or aircraft) in distress in lat ... long ... (or bearing ... distance ... from me, or Compliments Table III).
EC		A vessel which has suffered a nuclear accident is in distress in lat ... long ...

CC

Distress signals

*ED	Your distress signals are understood.	
	ED 1	Your distress signals are understood; the nearest life-saving station is being informed.
EF	SOS/MAYDAY has been cancelled.	
	EF 1	Has the SOS/MAYDAY been cancelled?
	I have intercepted SOS/MAYDAY from vessel (name or identity signal) (or aircraft) in position lat ... long ... at time indicated.	
EG	Did you hear SOS/MAYDAY given at time indicated?	
	EG 1	Will you listen on 2182 kc/s for signals of emergency position-indicating radio beacons?
	EG 2	I am listening on 2182 kc/s for signals of emergency position-indicating radio beacons.
	EG 3	Have you received the signal of an emergency position-indicating radio beacon on 2182 kc/s?
	EG 4	I have received the signal of an emergency position-indicating radio beacon on 2182 kc/s.
	EG 5	Will you listen on ... Mc/s for signals of emergency position-indicating radio beacons?
	EG 6	I am listening on ... Mc/s for signals of emergency position-indicating radio beacons.

FF

*Reference is made to signals prescribed by the International Convention for the Safety of Life at Sea, 1960 (Regulation 16(a), Chapter V) as replies from life-saving stations or maritime rescue units to distress signals made by a ship or person.

- | | |
|------|--|
| EG 7 | Have you received the signal of an emergency position-indicating radio beacon on ... Mc/s? |
| EG 8 | I have received the signal of an emergency position-indicating radio beacon on ... Mc/s. |
| EJ | I have received distress signal transmitted by coast station indicated. |
| | EJ 1 Have you received distress signal transmitted by coast station indicated? |
| EK | I have sighted distress signal in lat ... long ... |
| | EK 1 An explosion was seen or heard (position or direction and time to be indicated). |
| | EK 2 Have you heard or seen distress signal from survival craft? |

Position of distress

- | | | |
|----|--|------|
| EL | Repeat the distress position. | |
| | EL 1 What is the position of vessel in distress? | |
| | Position given with SOS/MAYDAY from vessel (or aircraft) was lat ... long ...
(or bearing ... from place indicated, distance ...). | FG |
| | What was the position given with SOS/MAYDAY from vessel (or aircraft)? | FG 1 |
| | Position given with SOS/MAYDAY is wrong.
The correct position is lat ... long ... | FH |
| | Position given with SOS/MAYDAY by vessel is wrong. I have her bearing by radio direction-finder and can exchange bearings with any other vessel. | FI |
| | Survival craft are believed to be in the vicinity of lat ... long ... | GI |
| EM | Are there other vessels/aircraft in the vicinity of vessel/aircraft in distress? | |

Contact or locate

- | | | |
|----|--|----|
| EN | You should try to contact vessel/aircraft in distress. | |
| EO | I am unable to locate vessel/aircraft in distress because of poor visibility. | |
| EP | I have lost sight of you. | |
| | I have located (or found) wreckage from the vessel/aircraft in distress (position to be indicated if necessary by lat ... and long ... or by bearing ... from specified place, and distance ...). | GL |

EQ	I expect to be at the position of vessel/aircraft in distress at time indicated. EQ 1 Indicate estimated time of your arrival at position of vessel/aircraft in distress.	
	I am flying to likely position of vessel in distress.	BI
	One or more vessels are assisting the vessel in distress.	CM
	Vessel/aircraft reported in distress is receiving assistance.	CM 1
	I am proceeding to the assistance of vessel/aircraft in distress (lat ... long ...).	CR
	I have found vessel/aircraft in distress in lat ... long	GF
POSITION		
ER	You should indicate your position at time indicated.	
ET	My position at time indicated was lat ... long	
EU	My present position is lat ... long ... (or bearing ... from place indicated, distance ...). EU 1 What is your present position?	
EV	My present position, course and speed are lat ... long ..., ..., knots ... EV 1 What are your present position, course and speed?	
EW	My position is ascertained by dead reckoning. EW 1 My position is ascertained by visual bearings. EW 2 My position is ascertained by astronomical observations. EW 3 My position is ascertained by radio beacons. EW 4 My position is ascertained by radar. EW 5 My position is ascertained by Decca Navigator. EW 6 My position is ascertained by Loran. EW 7 My position is ascertained by Consol.	
EX	My position is doubtful.	
EY	I am confident as to my position. EY 1 Are you confident as to your position?	
EZ	Your position according to bearings taken by radio direction-finder stations which I control is lat ... long ... (at time indicated). EZ 1 Will you give me my position according to bearings taken by radio direction-finder stations which you control?	

- FA Will you give me my position?
- FB Will vessels in my immediate vicinity (or in the vicinity of lat ... long ...) please indicate position, course and speed.

Position of Distress

- FC You should indicate your position by visual or sound signals.
- FC 1 You should indicate your position by rockets or flares.
 - FC 2 You should indicate your position by visual signals.
 - FC 3 You should indicate your position by sound signals.
 - FC 4 You should indicate your position by searchlight.
 - FC 5 You should indicate your position by smoke signal.
- FD My position is indicated by visual or sound signals.
- FD 1 My position is indicated by rockets or flares.
 - FD 2 My position is indicated by visual signals.
 - FD 3 My position is indicated by sound signals.
 - FD 4 My position is indicated by searchlight.
 - FD 5 My position is indicated by smoke signal.

I expect to be at the position of vessel/aircraft in distress at time indicated.

EQ

Indicate estimated time of your arrival at position of vessel/aircraft in distress.

EQ 1

Position given with SOS/MAYDAY from vessel (or aircraft) was lat ... long ... (or bearing ... from place indicated, distance ...).

FG

What was position given with SOS/MAYDAY from vessel (or aircraft)?

FG 1

Position given with SOS/MAYDAY is wrong. The correct position is lat ... long ..

FH

Position given with SOS/MAYDAY by vessel is wrong. I have her bearing by radio direction-finder and can exchange bearings with any other vessel.

FI

Position of accident (or survival craft) is marked.

FJ

Position of accident (or survival craft) is marked by flame or smoke float.

FJ 1

Position of accident (or survival craft) is marked by sea marker.

FJ 2

Position of accident (or survival craft) is marked by sea marker dye.

FJ 3

Position of accident (or survival craft) is marked by radio beacon.

FJ 4

Position of accident (or survival craft) is marked by wreckage.

FJ 5

	Is position of accident (or survival craft) marked?	FK
	You should transmit your identification and series of long dashes or your carrier frequency to home vessel (or aircraft) to your position.	FQ
	Shall I home vessel (or aircraft) to my position?	FQ 1
	You should indicate position of survivors by throwing pyrotechnic signals.	HT

SEARCH AND RESCUE

Assistance, Proceeding to

	I am proceeding to the assistance of vessel/aircraft in distress (lat ... long ...).	CR
FE	I am proceeding to the position of accident at full speed. Expect to arrive at time indicated.	
	FE 1 Are you proceeding to the position of accident? If so, when do you expect to arrive?	
	I am unable to give assistance.	CV

Can you assist? CV 4

Position of distress or accident

FF	I have intercepted SOS/MAYDAY from vessel (name or identity signal) (or aircraft) in position lat ... long ... at time indicated.	
	FF 1 I have intercepted SOS/MAYDAY from vessel (name or identity signal) (or aircraft) in position ... long ... at time indicated; I have heard nothing since.	
FG	Position given with SOS/MAYDAY from vessel (or aircraft) was lat ... long ... (or bearing ... from place indicated, distance ...).	
	FG 1 What was position given with SOS/MAYDAY from vessel (or aircraft)?	
FH	Position given with SOS/MAYDAY is wrong. The correct position is lat ... long ..	
FI	Position given with SOS/MAYDAY by vessel is wrong. I have her bearing by radio direction-finder and can exchange bearings with any other vessel.	
FJ	Position of accident (or survival craft) is marked.	
	FJ 1 Position of accident (or survival craft) is marked by flame or smoke float.	
	FJ 2 Position of accident (or survival craft) is marked by sea marker.	

- | | | |
|--|------|---|
| | FJ 3 | Position of accident (or survival craft) is marked by sea marker dye. |
| | FJ 4 | Position of accident (or survival craft) is marked by radio beacon. |
| | FJ 5 | Position of accident (or survival craft) is marked by wreckage. |

FK Is position of accident (or survival craft) marked?

Information – instructions

- | | | |
|----|--|------|
| FL | You should steer course ... (or follow me) to reach position of accident. | MF |
| | Course to reach me is ... | |
| | What is the course to reach you? | MF 1 |
| FM | Visual contact with vessel is not continuous. | |
| FN | I have lost all contact with vessel. | |
| | I have lost sight of you. | EP |
| FO | I will keep close to you. | |
| | FO 1 I will keep close to you during the night. | |
| FP | Estimated set and drift of survival craft is ... degrees and ... knots. | |
| | FP 1 What is the estimated set and drift of survival craft? | |
| FQ | You should transmit your identification and series of long dashes or your carrier frequency to home vessel (or aircraft) to your position. | |
| | FQ 1 Shall I home vessel (or aircraft) to my position? | |

Search

- | | |
|----|---|
| FR | I am (or vessel indicated is) in charge of co-ordinating search. |
| FS | Please take charge of search in sector stretching between bearings ... and ... from vessel in distress. |
| FT | Please take charge of search in sector between lat ... and ..., and long ... and ... |
| FU | The search area of the aircraft is between lat ... and ..., and long ... and ... |
| FV | Search by aircraft/helicopter will be discontinued because of unfavourable conditions. |

FW You should search in the vicinity of lat ... long ...

FX Shall I search in the vicinity of lat ... long ... ?

FY I am in the search area.

FY 1 Are you in the search area?

Aircraft is coming to participate in search. Expected arrive over the area of accident at time indicated.

FZ You should continue search according to instructions and until further notice.

FZ 1 I am continuing to search.

FZ 2 Are you continuing to search?

FZ 3 Do you want me to continue to search?

GA I cannot continue to search.

GB You should stop search and return to base or continue your voyage.

BP

Results of Search

GC Report results of search.

GC 1 Results of search negative. I am continuing to search.

GC 2 I have searched area of accident but have found no trace of derelict or survivors.

GC 3 I have noted patches of oil at likely position of accident.

GD Vessel/aircraft missing or being looked for has not been heard of since.

GD 1 Have you anything to report on vessel/aircraft missing or being looked for?

GD 2 Have you seen wreckage (or derelict)?

GE Vessel/aircraft has been located at lat ... long ...

GF I have found vessel/aircraft in distress in lat ... long ...

GG Vessel/aircraft was last reported at time indicated in lat ... long ... steering course ...

GH I have sighted survival craft in lat ... long ... (or bearing ... distance ... from me).

GI Survival craft are believed to be in the vicinity of lat ... long ...

GJ Wreckage is reported in lat ... long ...

GJ 1 Wreckage is reported in lat ... long ... No survivors appear to be in the vicinity.

GK	Aircraft wreckage is found in lat ... long ...
GL	I have located (or found) wreckage from the vessel/aircraft in distress (position to be indicated if necessary by lat ... and long ... or by bearing ... from specified place and distance ...).
<u>Rescue</u>	
GM	I cannot save my vessel.
	GM 1 I cannot save my vessel; keep as close as possible.
GN	You should take off persons.
	GN 1 I wish some persons taken off. Skeleton crew will remain on board.
	GN 2 I will take off persons.
	GN 3 Can you take off persons?
GO	I cannot take off persons.
GP	You should proceed to the rescue of vessel (or ditched aircraft) in lat ... long ...
GQ	I cannot proceed to the rescue owing to weather. You should do all you can.
GR	Vessel coming to your rescue (or to the rescue of vessel or aircraft indicated) is steering course ..., speed ... knots.
	GR 1 You should indicate course and speed of vessel coming to my rescue (or to the rescue of vessel or aircraft indicated).
GS	I will attempt rescue with ship and breeches buoy.
*GT	I will endeavour to connect with line-throwing apparatus.
	GT 1 Look out for rocket-line.
GU	It is not safe to fire a rocket.
GV	You should endeavour to send me a line.
	GV 1 Have you a line-throwing apparatus?
	GV 2 Can you connect with line-throwing apparatus?
	GV 3 I have not a line-throwing apparatus.

*Reference is made to signals prescribed by the International Convention for the Safety of Life at Sea, 1960, (Regulation 16(c) Chapter V) in connexion with the use of shore life-saving apparatus.

GW Man overboard. Please take action to pick him up (position to be indicated if necessary).
Man overboard.

0

Results of rescue

GX Report results of rescue.
GX 1 What have you (or rescue vessel/aircraft) picked up?
GY I (or rescue vessel/aircraft) have picked up wreckage .
GZ All persons saved.
GZ 1 All persons lost.
HA I (or rescue vessel/aircraft) have rescued ... (number) injured persons.
HB I (or rescue vessel/aircraft) have rescued ... (number) survivors.
HC I (or rescue vessel/aircraft) have picked up ... (number) bodies.
HD Can I transfer rescued persons to you?

SURVIVORS

HF I have located survivors in water lat ... long ... (or bearing ... from place indicated, distance ...).
HG I have located survivors in survival craft lat ... long ... (or bearing ... from place indicated, distance ...).
HJ I have located survivors on drifting ice lat ... long ...
HK I have located bodies in lat ... long ... (or bearing ... from place indicated, distance ...).
HL Survivors not yet located.
HL 1 I am still looking for survivors.
HL 2 Have you located survivors? If so, in what position?
HM Survivors are in bad condition. Medical assistance is urgently required.
HM 1 Survivors are in bad condition.
HM 2 Survivors are in good condition.
HM 3 Condition of survivors not ascertained.
HM 4 What is condition of survivors?

HN	You should proceed to lat ... long ... to pick up survivors.
HO	Pick up survivors from drifting ice, lat ... long ... HO 1 Pick up survivors from sinking vessel/aircraft.
HP	Survivors have not yet been picked up? HP 1 Have survivors been picked up?
	You should give immediate assistance to pick up survivors.
CN 1	
HQ	Transfer survivors to my vessel (or vessel indicated). HQ 1 Have you any survivors on board?
HR	You should try to obtain from survivors all possible information.
HT	You should indicate position of survivors by throwing pyrotechnic signals.

II. CASUALTIES - DAMAGES

COLLISION

HV Have you been in collision?

HW I have (or vessel indicated has) collided with surface craft.

- HW 1 I have (or vessel indicated has) collided with light-vessel.
- HW 2 I have (or vessel indicated has) collided with submarine.
- HW 3 I have (or vessel indicated has) collided with unknown vessel.
- HW 4 I have (or vessel indicated has) collided with underwater object.
- HW 5 I have (or vessel indicated has) collided with navigation buoy.
- HW 6 I have (or vessel indicated has) collided with iceberg.
- HW 7 I have (or vessel indicated has) collided with floating ice.

HX Have you received any damage in collision?

- HX 1 I have received serious damage above the water-line.
- HX 2 I have received serious damage below the water-line.
- HX 3 I have received minor damage above the water-line.
- HX 4 I have received minor damage below the water-line.

HY The vessel (name or identity signal) with which I have been in collision has sunk.

- HY 1 The vessel (name or identity signal) with which I have been in collision has resumed her voyage.
- HY 2 I do not know what has happened to the vessel with which I collided.
- HY 3 Has the vessel with which you have been in collision resumed her voyage?
- HY 4 What is the name (or identity signal) of the vessel with which you collided?
- HY 5 What is the name (or identity signal) of vessel which collided with me? My name (or identity signal) is ...
- HY 6 Where is the vessel with which you collided?

HZ There has been a collision between vessels indicated (names or identity signals).

I urgently require a collision mat.

I have placed the collision mat. I can proceed without assistance.

Can you place the collision mat?

KA

KA 1

KA 2

DAMAGES - REPAIRS

- IA I have received damage to stem.
- IA 1 I have received damage to stern frame.
 - IA 2 I have received damage to side plate above water.
 - IA 3 I have received damage to side plate below water.
 - IA 4 I have received damage to bottom plate.
 - IA 5 I have received damage to boiler room.
 - IA 6 I have received damage to engine room.
 - IA 7 I have received damage to hatchways.
 - IA 8 I have received damage to steering gear.
 - IA 9 I have received damage to propellers.
- IB What damage have you received?
- IB 1 My vessel is seriously damaged.
 - IB 2 I have minor damage.
 - IB 3 I have not received any damage.
 - IB 4 The extent of the damage is still unknown.
- Have you received any damage in collision? HX
- I have received serious damage above the water-line. HX 1
 - I have received serious damage below the water-line. HX 2
 - I have received minor damage above the water-line. HX 3
 - I have received minor damage below the water-line. HX 4
- IC Can damage be repaired at sea?
- IC 1 Can damage be repaired at sea without assistance?
 - IC 2 How long will it take you to repair damage?
- ID Damage can be repaired at sea.
- ID 1 Damage can be repaired at sea without assistance.
 - ID 2 Damage has been repaired.
- IF Damage cannot be repaired at sea.
- IF 1 Damage cannot be repaired at sea without assistance.
- IG Damage can be repaired in ... (number) hrs.
- IJ I will try to proceed by my own means but I request you to keep in contact with me by ... (complements Table I).
- IK I can proceed at ... (number) knots.

IL	I can only proceed at slow speed.	
	IL 1 I can only proceed with one engine.	
	IL 2 I am unable to proceed under my own power.	
	IL 3 Are you in a condition to proceed?	
IM	I request to be escorted until further notice.	
	'Propeller shaft is broken.	RO
	My propeller is fouled by hawser or rope.	RO 1
	I have lost my propeller.	RO 2
DIVER - UNDER-WATER OPERATIONS		
IN	I require a diver.	
	IN 1 I require a diver to clear propeller.	
	IN 2 I require a diver to examine bottom.	
	IN 3 I require a diver to place collision mat.	
	IN 4 I require a diver to clear my anchor.	
IO	I have no diver.	
IP	A diver will be sent as soon as possible (or at time indicated).	
IQ	Diver has been attacked by diver's disease and requires decompression chamber treatment.	
*IR	I am engaged in submarine survey work (under-water operations). Keep clear of me and go slow.	
	I have a diver down; keep well clear at slow speed.	A
FIRE - EXPLOSION		
	<u>Fire</u>	
IT	I am on fire.	
	IT 1 I am on fire and have dangerous cargo on board; keep well clear of me.	J
	IT 2 Vessel (name or identity signal) is on fire.	
	IT 3 Are you on fire?	

*The use of this signal does not relieve any vessel from compliance with Rule 4(c) of the International Regulations for Preventing Collisions at Sea.

IU	Vessel (name or identity signal) on fire is located at lat ... long ... I require immediate assistance; I am on fire.	CB 6
IV	Where is the fire? IV 1 I am on fire in the engine-room. IV 2 I am on fire in the boiler-room. IV 3 I am on fire in hold or cargo. IV 4 I am on fire in passenger's or crew's quarters. IV 5 Oil is on fire.	
IW	Fire is under control.	
IX	Fire is gaining. IX 1 I cannot get the fire under control without assistance. IX 2 Fire has not been extinguished.	
IY	I can get the fire under control without assistance. IY 1 Can you get the fire under control without assistance?	
IZ	Fire has been extinguished. IZ 1 I am flooding compartment to extinguish fire. IZ 2 Is fire extinguished?	
JA	I require fire-fighting appliances. JA 1 I require foam fire extinguishers. JA 2 I require CO ₂ fire extinguishers. JA 3 I require carbon tetrachloride fire extinguishers. JA 4 I require material for foam fire extinguishers. JA 5 I require material for CO ₂ fire extinguishers. JA 6 I require material for carbon tetrachloride fire extinguishers. JA 7 I require water pumps.	
<u>Explosion</u>		
JB	There is danger of explosion.	
JC	There is no danger of explosion. JC 1 Is there any danger of explosion?	
JD	Explosion has occurred in boiler. JD 1 Explosion has occurred in tank. JD 2 Explosion has occurred in cargo. JD 3 Further explosions are possible. JD 4 There is danger of toxic effects.	

JE Have you any casualties owing to explosion?
An explosion was seen or heard (position or direction and time to be indicated). EK 1

GROUNDING - BEACHING - REFLOATING

Grounding

JF I am (or vessel indicated is) aground in lat ... long ... (also the following complements, if necessary):

- 0 On rocky bottom.
- 1 On soft bottom.
- 2 Forward.
- 3 Amidship.
- 4 Aft.
- 5 At high water forward.
- 6 At high water amidship.
- 7 At high water aft.
- 8 Full length of vessel.
- 9 Full length of vessel at high water.

JG I am aground; I am in dangerous situation.

JH I am aground; I am not in danger.

I require immediate assistance; I am aground. CB 4

Vessel aground in lat ... long ... requires assistance. CI

JI Are you aground?

- JI 1 What was your draught when you went aground?
- JI 2 On what kind of ground have you gone aground?
- JI 3 At what state of tide did you go aground?
- JI 4 What part of your vessel is aground?

JJ My maximum draught when I went aground was ... (number feet or metres).

JK The tide was high water when the vessel went aground.

- JK 1 The tide was half water when the vessel went aground.
- JK 2 The tide was low water when the vessel went aground.

JL You are running the risk of going aground.

- JL 1 You are running the risk of going aground; do not approach me from the starboard side.
- JL 2 You are running the risk of going aground; do not approach me from the port side.

- JL 3 You are running the risk of going aground; do not approach me from forward.
- JL 4 You are running the risk of going aground; do not approach me from aft.

JM You are running the risk of going aground at low water.

Beaching

JN You should beach the vessel in lat ... long ...

- JN 1 You should beach the vessel where flag is waved or light is shown.
- JN 2 I must beach the vessel.

Refloating

JO I am afloat.

- JO 1 I am afloat forward.
- JO 2 I am afloat aft.
- JO 3 I may be got afloat if prompt assistance is given.
- JO 4 Are you (or vessel indicated) still afloat?
- JO 5 When do you expect to be afloat?

JP I am jettisoning to refloat (the following complements should be used if required):

- 1 Cargo.
- 2 Bunkers.
- 3 Everything movable forward.
- 4 Everything movable aft.

JQ I cannot refloat without jettisoning (the following complements should be used if required):

- 1 Cargo.
- 2 Bunkers.
- 3 Everything movable forward.
- 4 Everything movable aft.

JR I expect (or vessel indicated expects) to refloat.

- JR 1 I expect (or vessel indicated expects) to refloat at time indicated.
- JR 2 I expect (or vessel indicated expects) to refloat in daylight.
- JR 3 I expect (or vessel indicated expects) to refloat when tide rises.
- JR 4 I expect (or vessel indicated expects) to refloat when visibility improves.
- JR 5 I expect (or vessel indicated expects) to refloat when weather moderates.

- JR 6 I expect (or vessel indicated expects) to refloat when draught is lightened.
- JR 7 I expect (or vessel indicated expects) to refloat when tugs arrive.
- JS Is it likely that you (or vessel indicated) will refloat?
- JS 1 Is it likely that you (or vessel indicated) will refloat at time indicated?
 - JS 2 Is it likely that you (or vessel indicated) will refloat in daylight?
 - JS 3 Is it likely that you (or vessel indicated) will refloat when tide rises?
 - JS 4 Is it likely that you (or vessel indicated) will refloat when visibility improves?
 - JS 5 Is it likely that you (or vessel indicated) will refloat when weather moderates?
 - JS 6 Is it likely that you (or vessel indicated) will refloat when draught is lightened?
 - JS 7 Is it likely that you (or vessel indicated) will refloat when tugs arrive?
- JT I can refloat if an anchor is laid out for me.
- JT 1 I may refloat without assistance.
 - JT 2 Will you assist me to refloat?
- JU I cannot be refloated by any means now available.
- JV Will you escort me to lat ... long ... after refloating?
- LEAK**
- JW I have sprung a leak.
- JW 1 Leak is dangerous.
 - JW 2 Leak is causing dangerous heel.
 - JW 3 Leak is beyond the capacity of my pumps.
- I require immediate assistance; I have sprung a leak. CB 7
- JX Leak is gaining rapidly.
- JX 1 I cannot stop the leak.
- JY Leak can be controlled, if it does not get any worse.
- JY 1 I require additional pumping facilities to control the leak.
 - JY 2 Leak is under control.
 - JY 3 Leak has been stopped.
- JZ Have you sprung a leak?

- JZ 1 Can you stop the leak?
 JZ 2 Is the leak dangerous?
- KA I urgently require a collision mat.
 KA 1 I have placed the collision mat. I can proceed without assistance.
 KA 2 Can you place the collision mat?
- KB I have ... (number feet or metres) of water in the hold.
- KC My hold(s) is(are) flooded.
 KC 1 How many compartments are flooded?
- KD There are ... (number) compartments flooded.
- KE The watertight bulkheads are standing up well to the pressure of the water.
 KE 1 I need timber to support bulkheads.

TOWING – TUGS

Tug

- KF I require a tug (or ... number tugs).
 I require a tug. Z
- KG Do you require a tug(s)?
 KG 1 I do not require tug(s).
- KH Tug(s) is(are) coming to you. Expect to arrive at time indicated.
 KH 1 Tug with pilot is coming to you.
 KH 2 You should wait for tugs.
- KI There are no tugs available.
 KI 1 Tugs cannot proceed out.

Towing – taking in tow

- KJ I am towing a submerged object.
 KJ 1 I am towing a float.
 KJ 2 I am towing a target.
- KK Towing is impossible under present weather conditions.
 KK 1 Towing is very difficult.
 KK 2 I cannot connect at present but will attempt when conditions improve.
 KK 3 I cannot connect tonight. I will try in daylight.

- KK 4 Can you assist with your engines?
- KL I am obliged to stop towing temporarily.
- KL 1 You should stop towing temporarily.
- KM I can take you (or vessel indicated) in tow.
- KM 1 Shall I take you in tow?
- KN I cannot take you (or vessel indicated) in tow.
- KN 1 I cannot take you (or vessel indicated) in tow but I will report you and ask for immediate assistance.
- KN 2 I cannot take you (or vessel indicated) in tow but can take off persons.
- KO You should endeavour to take vessel (name or identity signal) in tow.
- KO 1 You should report whether you have taken vessel (name or identity signal) in tow.
- KO 2 Can you take me (or vessel indicated) in tow?
- KP You should tow me to the nearest port or anchorage (or place indicated).
- KP 1 I will tow you to the nearest port or anchorage (or place indicated).
- KP 2 I must get shelter or anchorage as soon as possible.
- KQ Prepare to be taken in tow.
- KQ 1 I am ready to be taken in tow.
- KQ 2 Prepare to tow me (or vessel indicated).
- KQ 3 I am ready to tow you.
- KQ 4 Prepare to resume towing.
- KQ 5 I am ready to resume towing.
- KR All is ready for towing.
- KR 1 I am commencing to tow.
- KR 2 You should commence towing.
- KR 3 Is all ready for towing?

Towing line — cable-hawser

- KS You should send a line over.
- KS 1 I have taken the line.
- KT You should send me a towing hawser.
- KT 1 I am sending towing hawser.
- KU I cannot send towing hawser.
- KU 1 I have no, or no other, hawser.

- KU 2 I have no wire hawser.
 KU 3 Have you a hawser?
- KV I intend to use my towing hawser/cable.
 KV 1 I intend to use your towing hawser/cable.
- KW You should have towing hawser/cable ready.
 KW 1 Towing hawser/cable is ready.
 KW 2 You should have another hawser ready.
 KW 3 You should have spare towing hawser/cable ready.
 KW 4 Spare towing hawser/cable is ready.
 KW 5 You should have wire hawser ready.
 KW 6 Wire hawser is ready.
- KX You should be ready to receive the towing hawser.
 KX 1 I am ready to receive the towing hawser.
 KX 2 You should come closer to receive towing hawser.
 KX 3 I am coming closer to receive towing hawser.
 KX 4 I have received towing hawser.
- KY Length of tow is ... (number) fathoms.
- KZ You should shorten in the towing hawser (or shorten distance between vessels).
 KZ 1 I am shortening towing hawser.
 KZ 2 You should haul in the hawser.
 KZ 3 I am hauling in the hawser.
 KZ 4 You should haul in the slack.
 KZ 5 I am hauling in the slack.
- LA Towing hawser/cable has parted.
 LA 1 Towing hawser/cable is in danger of parting.
 LA 2 Towing hawser/cable is damaged.
 LA 3 You should reinforce the hawsers.
 LA 4 I am reinforcing the hawsers.
- Make fast – veer**
- LB You should make towing hawser fast to your chain cable.
 LB 1 Towing hawser is fast to chain cable.
 LB 2 You should make towing hawser fast to wire.
 LB 3 Towing hawser is fast to wire.
 LB 4 My towing hawser is fast.
 LB 5 Is your towing hawser fast?

LC	You should make fast astern and steer me.	
LD	You should veer your hawser/cable (... (number) fathoms).	
LE	I am about to veer my hawser/cable.	
	LE 1 I am veering my hawser/cable.	
	LE 2 I have veered my hawser/cable.	
	LE 3 I shall veer cable attached to hawser.	
	LE 4 How much cable should I veer?	
LF	You should stop veering your hawser/cable.	
	LF 1 I cannot veer any more hawser/cable.	
	<u>Cast off</u>	
LG	You should prepare to cast off towing hawser(s).	
	LG 1 I am preparing to cast off towing hawser(s).	
	LG 2 I am ready to cast off towing hawser(s).	
	LG 3 You should cast off starboard towing hawser.	
	LG 4 I have cast off starboard towing hawser.	
	LG 5 You should cast off port towing hawser.	
	LG 6 I have cast off port towing hawser.	
	LG 7 You should cast off hawser(s).	
	LG 8 I must cast off towing hawser(s).	
	<u>Engine manoeuvres</u>	
	I am going ahead.	QD
	My engines are going ahead.	QD 1
	I will keep going ahead.	QD 2
	I will go ahead.	QD 3
	I will go ahead dead slow.	QD 4
	I have headway.	QE
	I cannot go ahead.	QF
	You should go ahead.	QG
	You should go slow ahead.	QG 1
	You should go full speed ahead.	QG 2

	You should keep going ahead.	QG 3
	You should keep your engines going ahead.	QG 4
	You should not go ahead any more.	QH
	I am going astern.	QI
	My engines are going astern.	QI 1
	I will keep going astern.	QI 2
	I will go astern.	QI 3
	I will go astern dead slow.	QI 4
	I have sternway.	QJ
	I cannot go astern.	QK
	You should go astern.	QL
	You should go slow astern.	QL 1
	You should go full speed astern.	QL 2
	You should keep going astern.	QL 3
	You should keep your engines going astern.	QL 4
	You should not go astern any more.	QM
	You should stop your engines immediately.	RL
	You should stop your engines.	RL 1
	My engines are stopped.	RM
	I am stopping my engines.	RM 1
LH	Maximum speed in tow is ... (number) knots.	
LI	I am increasing speed. LI 1 Increase speed.	
LJ	I am reducing speed. LJ 1 Reduce speed.	

III. AIDS TO NAVIGATION – NAVIGATION – HYDROGRAPHY

AIDS TO NAVIGATION

Buoys – Beacons

- | | | |
|----|--|------|
| LK | Buoy (or beacon) has been established in lat ... long ... | |
| LL | Buoy (or beacon) in lat ... long ... has been removed. | |
| | You should steer directly for the buoy (or object indicated). | PL |
| | You should keep buoy (or object indicated) on your starboard side. | PL 1 |
| | You should keep buoy (or object indicated) on your port side. | PL 2 |
| | You can pass the buoy (or object indicated) on either side. | PL 3 |
| LM | Radio beacon indicated is out of action. | |

Lights – lightvessels

- | | | |
|----|--|------|
| LN | Light (name follows) has been extinguished. | |
| | LN 1 All lights are out along this coast (or the coast of ...). | |
| LO | I am not in my correct position (to be used by a lightvessel). | |
| | LO 1 Lightvessel (name follows) is out of position. | |
| | LO 2 Lightvessel (name follows) has been removed from her station. | |
| | Lightvessel (or lighthouse) indicated requires assistance. | CH 1 |

BAR

- | | | |
|----|--|--|
| LP | There is not less than ... (number feet or metres) of water over the bar. | |
| LQ | There will be ... (number feet or metres) of water over the bar at time indicated. | |
| LR | Bar is not dangerous. | |
| | LR 1 What is the depth of water over the bar? | |
| | LR 2 Can I cross the bar? | |
| LS | Bar is dangerous. | |

BEARINGS

- | | | |
|----|--|--|
| LT | Your bearing from me [or from ... (name or identity signal)] is ... (at time indicated). | |
|----|--|--|

LU	The bearing of ... (name or identity signal) from ... (name or identity signal) is ... (at time indicated).	
LV	<p>Let me know my bearing from you. I will flash search light.</p> <p>LV 1 What is my bearing from you [or from ... (name or identity signal)]?</p> <p>LV 2 What is the bearing of ... (name or identity signal) from ... (name or identity signal)?</p>	
	Your magnetic bearing from me (or from vessel or position indicated) is ... (at time indicated).	BZ
	What is my magnetic bearing from you (or from vessel or position indicated)?	CA
LW	<p>I receive your transmission on bearing ...</p> <p>LW 1 Can you take bearings from my radio signals?</p>	
	Your position according to bearings taken by radio direction-finder stations which I control is lat ... long ... (at time indicated).	EZ
	Will you give me my position according to bearings taken by radio direction-finder stations which you control?	EZ 1
	Bearing and distance by radar of vessel (or object) indicated is bearing ..., distance ... miles.	OM
	What is the bearing and distance by radar of vessel (or object) indicated?	OM 1

CANAL - CHANNEL - FAIRWAY

Canal

LX	The canal is clear.	
	<p>LX 1 The canal will be clear at time indicated.</p> <p>LX 2 You can enter the canal at time indicated.</p> <p>LX 3 Is the canal clear?</p> <p>LX 4 When can I enter the canal?</p>	
LY	The canal is not clear.	
LZ	The channel/fairway is navigable.	
	<p>LZ 1 I intend to pass through the channel/fairway.</p> <p>LZ 2 Is the channel/fairway navigable?</p> <p>LZ 3 What is the state of the channel/fairway?</p> <p>LZ 4 What is the least depth of water in the channel/fairway?</p>	

MA	The least depth of water in the channel/fairway is ... (number feet or metres).	
MB	You should keep in the centre of the channel/fairway.	
	MB 1 You should keep on the starboard side of the channel/fairway.	
	MB 2 You should keep on the port side of the channel/fairway.	
	MB 3 You should leave the channel/fairway free.	
MC	There is an uncharted obstruction in the channel/fairway. You should proceed with caution.	
	MC 1 The channel/fairway is not navigable.	
		COURSE
MD	My course is ...	
	MD 1 What is your course?	
	My present position, course and speed are lat ... long, ... knots ...	EV
	What are your present position, course and speed?	EV 1
	Will vessels in my immediate vicinity (or in the vicinity of lat ... long ...) please indicate position, course and speed.	FB
	Vessel coming to your rescue (or to the rescue of vessel or aircraft indicated) is steering course ..., speed ... knots.	GR
	You should indicate course and speed of vessel coming to my rescue (or to the rescue of vessel or aircraft indicated).	GR 1
ME	The course to place (name follows) is ...	
	ME 1 What is the course to place (name follows)?	
	The magnetic course for the helicopter to regain its base is ...	BX
MF	Course to reach me is ...	
	MF 1 What is the course to reach you?	
	The magnetic course for you to steer towards me (or vessel or position indicated) is ... (at time indicated).	BW
	Will you indicate the magnetic course for me to steer towards you (or vessel or position indicated)?	BY
MG	You should steer course ...	
	MG 1 What course should I steer?	
	You should maintain your present course.	PI

	I am maintaining my present course.	PI 1
	I cannot maintain my present course.	PJ
MH	You should alter course to ... (at time indicated).	
MI	I am altering course to ...	
	I am altering my course to starboard.	E
	I am altering my course to port.	I
	You should alter your course, if possible, appreciably to starboard to facilitate location by radar.	OJ 2
	You should alter your course, if possible, appreciably to port to facilitate location by radar.	OJ 3

DANGERS TO NAVIGATION – WARNINGS

Derelict – wreck – shoal

MJ	Derelict dangerous to navigation reported in lat ... long ... (or complements Table III).	
MK	I have seen derelict (in lat ... long ... at time indicated). MK 1 Have you seen derelict (or wreckage)?	
ML	Derelict is drifting near lat ... long ... (or bearing ... from place indicated, distance ...) ML 1 Hull of derelict is awash. ML 2 Hull of derelict is well out of the water.	
MM	There is a wreck in lat ... long ... MM 1 Wreck is buoyed. MM 2 Wreck is awash.	
MN	Wreck (in lat ... long ...) is not buoyed.	
MO	I have struck a shoal or submerged object (lat ... long ...).	
MP	I am in shallow water. Please direct me how to navigate.	

Radiation danger

MQ	There is risk of contamination due to excessive release of radioactive material in this area (or in area around lat ... long ...). Keep radio watch. Relay the message to vessels in your vicinity.
----	--

	MQ 1	The radioactive material is airborne.
	MQ 2	The radioactive material is waterborne.
MR	There is no, or no more, risk of contamination due to excessive release of radioactive material in this area (or in area around lat ... long ...).	
	MR 1	Is there risk of contamination due to excessive release of radioactive material in this area (or in area around lat ... long ...).
MS	My vessel is a dangerous source of radiation.	
	MS 1	My vessel is a dangerous source of radiation; you may approach from my starboard side.
	MS 2	My vessel is a dangerous source of radiation; you may approach from my port side.
	MS 3	My vessel is a dangerous source of radiation; you may approach from forward.
	MS 4	My vessel is a dangerous source of radiation; you may approach from aft.
MT	My vessel is a dangerous source of radiation. You may approach from ... (complements Table III).	
MU	My vessel is a dangerous source of radiation. Do not approach within ... (number) cables.	
	I am abandoning my vessel which has suffered a nuclear accident and is a possible source of radiation danger.	AD
	I have had a serious nuclear accident and you should approach with caution.	AJ
	I have had nuclear accident on board.	AK
	A vessel which has suffered a nuclear accident is in distress in lat ... long ...	EC
MV	My vessel is releasing radioactive material and presents a hazard.	
MW	My vessel is releasing radioactive material and presents a hazard. Do not approach within ... (number) cables.	
MX	The radioactive material is airborne. Do not approach from leeward.	
	<u>Warnings</u>	
MY	It is dangerous to stop.	
	MY 1	It is dangerous to remain in present position.
	MY 2	It is dangerous to proceed on present course.
	MY 3	It is dangerous to proceed until weather permits.
	MY 4	It is dangerous to alter course to starboard.

	MY 5	It is dangerous to alter course to port.	
	MY 6	It is dangerous to approach close to my vessel.	
	MY 7	It is dangerous to let go an anchor or use bottom trawl.	
	MY 8	It is dangerous to jettison inflammable oil.	
		It is not safe to fire a rocket.	GU
MZ		Navigation is dangerous in the area around lat ... long ...	
		Navigation is dangerous in the area around lat ... long ... owing to iceberg(s).	VZ
		Navigation is dangerous in the area around lat ... long... owing to floating ice.	VZ 1
		Navigation is dangerous in the area around lat ... long ... owing to pack ice.	VZ 2
NA		Navigation is closed.	
	NA 1	Navigation is possible only with tug assistance.	
	NA 2	Navigation is possible only with pilot assistance.	
		You should navigate with caution. Small fishing boats are within ... (number) miles of me.	TH
		You should navigate with caution. You are drifting towards my set of nets.	TI
		You should navigate with caution. There are nets with a buoy in this area.	TJ
NB		There is fishing gear in the direction you are heading (or in direction indicated – complements Table III).	
NC		I am in distress and require immediate assistance.	
ND		Tsunami (phenomenal wave) is expected. You should take appropriate precautions.	
		Tropical storm (cyclone, hurricane, typhoon) is approaching. You should take appropriate precautions.	
NE		You should proceed with great caution.	
	NE 1	You should proceed with great caution; the coast is dangerous.	
	NE 2	You should proceed with great caution; submarines are exercising in this area.	
	NE 3	You should proceed with great caution; there is a boom across.	
	NE 4	You should proceed with great caution; keep clear of firing range.	
	NE 5	You should proceed with great caution; hostile vessel sighted (in lat ... long ...).	
	NE 6	You should proceed with great caution; hostile submarine sighted (in lat ... long ...).	
	NE 7	You should proceed with great caution; hostile aircraft sighted (in lat ... long ...).	

	There is an uncharted obstruction in the channel/fairway. You should proceed with caution.	MC
	You should change your anchorage/berth. It is not safe.	RE
	All vessels should proceed to sea as soon as possible owing to danger in port.	UL
NF	You are running into danger. NF 1 You are running into danger; there is a radiation hazard.	U
NG	You are in a dangerous position. NG 1 You are in a dangerous position; there is a radiation hazard.	
NH	You are clear of all danger. NH 1 Are you clear of all danger?	
NI	I have (or vessel indicated has) a list of ... (number) degrees to starboard.	
NJ	I have (or vessel indicated has) a list of ... (number) degrees to port.	

DEPTH - DRAUGHT

Depth

NK	There is not sufficient depth of water.	
NL	There is sufficient depth of water. NL 1 Is there sufficient depth of water?	
	The least depth of water in the channel/fairway is ... (number feet or metres).	MA
	What is the least depth of water in the channel/fairway?	LZ 4
	There is not less than ... (number feet or metres) water over the bar.	LP
	What is the depth of water over the bar?	LR 1
	There will be ... (number feet or metres) of water over the bar at time indicated.	LQ
	The depth at high water here (or in place indicated) is ... (number feet or metres).	QA
	The depth at low water here (or in place indicated) is ... (number feet or metres).	QB
	What is the depth at high and low water here (or in place indicated)?	PW 2
NM	You should report the depth around your vessel.	
NN	I am in ... (number feet or metres) of water.	

*NO	Negative - "No" or "The significance of the previous group should be read in the negative".
NP	The depth of water at the bow is ... (number feet or metres).
NQ	The depth of water at the stern is ... (number feet or metres).
NR	The depth of water along the starboard side is ... (number feet or metres).
NS	The depth of water along the port side is ... (number feet or metres).

Draught

NT	What is your draught?
NT 1	What is your light draught?
NT 2	What is your ballast draught?
NT 3	What is your loaded draught?
NT 4	What is your summer draught?
NT 5	What is your winter draught?
NT 6	What is your maximum draught?
NT 7	What is your least draught?
NT 8	What is your draught forward?
NT 9	What is your draught aft?
NU	My draught is ... (number feet or metres).
NV	My light draught is ... (number feet or metres).
NW	My ballast draught is ... (number feet or metres).
NX	My loaded draught is ... (number feet or metres).
NY	My summer draught is ... (number feet or metres).
NZ	My winter draught is ... (number feet or metres).
OA	My maximum draught is ... (number feet or metres).
OB	My least draught is ... (number feet or metres).
OC	My draught forward is ... (number feet or metres).
OD	My draught aft is ... (number feet or metres).
	My maximum draught when I went aground was (number feet or metres).
	What was your draught when you went aground?

JJ

JL 1

*Procedural signal

- OE Your draught must not exceed ... (number feet or metres).
- OF I could lighten to ... (number feet or metres) draught.
- OG To what draught could you lighten?

ELECTRONIC NAVIGATION

Radar

- CH You should switch on your radar and keep radar watch.
- OH 1 The restrictions on the use of radar are lifted.
- OH 2 Does my radar cause interference?
- OI I have no radar.
- OI 1 Are you equipped with radar?
- OI 2 Is your radar in operation?
- OJ I have located you on my radar bearing ... , distance ... miles.
- OJ 1 I cannot locate you on my radar.
- OJ 2 You should alter your course, if possible, appreciably to starboard to facilitate location by radar.
- OJ 3 You should alter your course, if possible, appreciably to port to facilitate location by radar.
- OJ 4 Can you locate me by radar?

My position is ascertained by radar.

EW 4

- *OK Acknowledging a correct repetition or "It is correct".
- OL Is radar pilotage being effected in this port (or port indicated)?
- OM Bearing and distance by radar of vessel, (or object) indicated, is bearing ... , distance ... miles.
- OM 1 What is the bearing and distance by radar of vessel (or object) indicated?
- ON I have an echo on my radar on bearing ... , distance ... miles.

Radio direction-finder

- OO My radio direction-finder is inoperative.
- OP I have requested ... (name or identity signal) to send two dashes of ten seconds each or the carrier of his transmitter followed by his call sign .
- OP 1 Will you request ... (name or identity signal) to send two dashes of ten seconds each or the carrier of his transmitter followed by his call sign?
- OP 2 Will you send two dashes of ten seconds each, or the carrier of your transmitter, followed by your call sign?

* Procedural signal.

Your position according to bearings taken by radio direction-finder stations which I control is lat ... long ... (at time indicated). EZ

Will you give me my position according to bearings taken by radio direction-finder stations which you control? EZ 1

OQ I am calibrating radio direction-finder or adjusting compasses.

Decca - Loran - Consol

My position is ascertained by Decca Navigator. EW 5

My position is ascertained by Loran. EW 6

My position is ascertained by Consol. EW 7

MINES - MINESWEEPING

OR I have struck a mine.

I have a mine in my sweep (or net). TO

OS There is danger from mines in this area (or area indicated).

OS 1 You should keep a look out for mines.

OS 2 You are out of the dangerous zone.

OS 3 Am I out of the dangerous zone?

OS 4 Are you out of the dangerous zone?

OS 5 Is there any danger from mines in this area (or area indicated)?

OT Mine has been sighted in lat ... long ... (or in direction indicated - complements Table III).

OU Mine(s) has (have) been reported in the vicinity (or in approximate position lat ... long ...).

OV Mine(s) is (are) believed to be bearing ... from me, distance ... miles.

OW There is a minefield ahead of you. You should stop your vessel and wait for instructions.

OW 1 There is a minefield along the coast. You should not approach too close.

OX The approximate direction of the minefield is bearing ... from me.

OY Port is mined.

OY 1 Entrance is mined.

- OY 2 Fairway is mined.
- OY 3 Are there mines in the port, entrance or fairway?
- OZ The width of the swept channel is ... (number feet or metres).
- PA I will indicate the swept channel. You should follow in my wake.
- PA 1 You should keep carefully to the swept channel.
 - PA 2 The swept channel is marked by buoys.
 - PA 3 I do not see the buoys marking the swept channel.
 - PA 4 Do you know the swept channel?
- *PB You should keep clear of me; I am engaged in minesweeping operations.
- PB 1 You should keep clear of me; I am exploding a floating mine.
- PC I have destroyed the drifting mine(s).
- PC 1 I cannot destroy the drifting mine(s).

NAVIGATION LIGHTS – SEARCHLIGHT

- PD Your navigation light(s) is (are) not visible.
- PD 1 My navigation lights are not functioning.
- PE You should extinguish all the lights except the navigation lights.
- PG I do not see any light.
- PG 1 You should hoist a light.
 - PG 2 I am dazzled by your searchlight. Douse it or lift it.
- You should train your searchlight nearly vertical on a cloud, intermittently if possible, and, if my aircraft is seen, deflect the beam up wind and on the water to facilitate my landing.
- AX
- Shall I train my searchlight nearly vertical on a cloud, intermittently if possible, and, if your aircraft is seen, deflect the beam up wind and on the water to facilitate your landing?
- AX 1

NAVIGATING AND STEERING INSTRUCTIONS (see also page 88, PILOT)

- PH You should steer as indicated.
- PH 1 You should steer towards me.
 - PH 2 I am steering towards you.
 - PH 3 You should steer more to starboard.

*The use of this signal does not relieve any vessel from complying with Rule 4 (d) of the International Regulations for Preventing Collisions at Sea.

	PH 4	I am steering more to starboard.	
	PH 5	You should steer more to port.	
	PH 6	I am steering more to port.	
PI		You should maintain your present course.	
	PI 1	I am maintaining my present course.	
	PI 2	Shall I maintain my present course?	
PJ		I cannot maintain my present course.	
		You should make fast astern and steer me.	LC
PK		I cannot steer without assistance.	
PL		You should steer directly for the buoy (or object indicated).	
	PL 1	You should keep buoy (or object indicated) on your starboard side.	
	PL 2	You should keep buoy (or object indicated) in your port side.	
	PL 3	You can pass the buoy (or object indicated) on either side.	
PM		You should follow in my wake (or wake of vessel indicated).	
	PM 1	You should go ahead and lead the course.	
PN		You should keep to leeward of me (or vessel indicated).	
	PN 1	You should keep to windward of me (or vessel indicated).	
	PN 2	You should keep on my starboard side (or starboard side of vessel indicated).	
	PN 3	You should keep on my port side (or port side of vessel indicated).	
PO		You should pass ahead of me (or vessel indicated).	
	PO 1	I will pass ahead of you (or vessel indicated).	
	PO 2	You should pass astern of me (or vessel indicated).	
	PO 3	I will pass astern of you (or vessel indicated).	
	PO 4	You should pass to leeward of me (or vessel indicated).	
	PO 5	I will pass to leeward of you (or vessel indicated).	
	PO 6	You should pass to windward of me (or vessel indicated).	
	PO 7	I will pass to windward of you (or vessel indicated).	
	PO 8	You should come under my stern.	
PP		Keep well clear of me.	
	PP 1	Do not overtake me.	
	PP 2	Do not pass ahead of me.	
	PP 3	Do not pass astern of me.	

	PP 4	Do not pass on my starboard side.
	PP 5	Do not pass on my port side.
	PP 6	Do not pass too close to me.
	PP 7	You should give way to me.
PQ		You should keep closer in to the coast.
	PQ 1	You should keep further away from the coast.
	PQ 2	You should follow the coast at a safe distance.
	PQ 3	How far out from the coast?
PR		You should keep closer to me (or vessel indicated).
	PR 1	You should come as near as possible.
	PR 2	You should keep within visual signal distance from me (or vessel indicated).
	PR 3	You should come within hauling distance from me (or vessel indicated).
PS		You should not come any closer.
	PS 1	You should keep away from me (or vessel indicated).
		I am calibrating radio direction-finder or adjusting compasses.
		OQ
		TIDE
PT		What is the state of the tide?
	PT 1	The tide is rising.
	PT 2	The tide is falling.
	PT 3	The tide is slack.
PU		The tide begins to rise at time indicated.
	PU 1	When does the tide begin to rise?
PV		The tide begins to fall at time indicated.
	PV 1	When does the tide begin to fall?
PW		What is the rise and fall of the tide?
	PW 1	What is the set and drift of the tide?
	PW 2	What is the depth at high and low water here (or in place indicated)?
PX		The rise and fall of the tide is ... (number feet or metres).
PY		The set of the tide is ... degrees.

PZ	The drift of the tide is ... knots.	
QA	The depth at high water here (or in place indicated) is ... (number feet or metres).	
QB	The depth at low water here (or in place indicated) is ... (number feet or metres).	
	The tide was high water when the vessel went aground.	JK
	The tide was half water when the vessel went aground.	JK 1
	The tide was low water when the vessel went aground.	JK 2
	At what state of tide did you go aground?	J1 3
QC	You should wait until high water.	
	QC 1 You should wait until low water.	

IV. MANOEUVRES

AHEAD – ASTERN

Ahead – headway

- QD I am going ahead.
 QD 1 My engines are going ahead.
 QD 2 I will keep going ahead.
 QD 3 I will go ahead.
 QD 4 I will go ahead dead slow.
- QE I have headway.
- QF I cannot go ahead.
- QG You should go ahead.
 QG 1 You should go slow ahead.
 QG 2 You should go full speed ahead.
 QG 3 You should keep going ahead.
 QG 4 You should keep your engines going ahead.
- QH You should not go ahead any more.

Astern – sternway

- QI I am going astern.
 QI 1 My engines are going astern.
 QI 2 I will keep going astern.
 QI 3 I will go astern.
 QI 4 I will go astern dead slow.
- QJ I have sternway.
- QK I cannot go astern.
- QL You should go astern.
 QL 1 You should go slow astern.
 QL 2 You should go full speed astern.
 QL 3 You should keep going astern.
 QL 4 You should keep your engines going astern.
- QM You should not go astern any more.

ALONGSIDE

- QN You should come alongside my starboard side.

QN 1 You should come alongside my port side.
QN 2 You should drop an anchor before coming alongside.

QO You should not come alongside.

QP I will come alongside.

QP 1 I will try to come alongside.

QQ I require health clearance (see page 103).

QR I cannot come alongside.

QR 1 Can I come alongside?

TO ANCHOR – ANCHOR(S) – ANCHORAGE

To anchor

QS You should anchor at time indicated.

QS 1 You should anchor (position to be indicated if necessary).
QS 2 You should anchor to await tug.
QS 3 You should anchor with both anchors.
QS 4 You should anchor as convenient.
QS 5 Are you going to anchor?

You should heave to or anchor until pilot arrives.

UB

QT You should not anchor. You are going to foul my anchor.

QU Anchoring is prohibited.

QV I am anchoring in position indicated.

QV 1 I have anchored with both anchors.

QW I shall not anchor.

QW 1 I cannot anchor.

QX I request permission to anchor.

QX 1 You have permission to anchor.

QY I wish to anchor at once.

QY 1 Where shall I anchor?

Anchor(s)

QZ You should have your anchors ready for letting go.

QZ 1 You should let go another anchor.

- RA My anchor is foul.
RA 1 I have picked up telegraph cable with my anchor.
- RB I am dragging my anchor.
RB 1 You appear to be dragging your anchor.
RB 2 Where you have anchored (or intend to anchor) you are likely to drag.
- RC I am (or vessel indicated is) breaking adrift.
RC 1 I have broken adrift.
- RD You should weigh (cut or slip) anchor immediately.
RD 1 You should weigh anchor at time indicated.
RD 2 I am unable to weigh my anchor.

Anchorage

- RE You should change your anchorage/berth. It is not safe.
RF Will you lead me into a safe anchorage?

You should tow me to the nearest port or anchorage (or place indicated). KP

I will tow you to the nearest port or anchorage (or place indicated). KP 1

I must get shelter or anchorage as soon as possible. KP 2
- RG You should send a boat to where I am to anchor or moor.
RG 1 At what time shall I come into anchorage?

You should proceed to anchorage in position indicated (lat ... long ...). RW

You should not proceed out of harbour/anchorage. RZ 1
- RH There is no good holding ground in my area (or around lat ... long ...).
RI There is good holding ground in my area (or around lat ... long ...).
RI 1 Is there good holding ground in your area (or around lat ... long)?

ENGINES - PROPELLER

Engines

- RJ You should keep your engines ready.
RJ 1 You should have your engines ready as quickly as possible.
RJ 2 You should report when your engines are ready.
RJ 3 You should leave when your engines are ready.

	RJ 4	At what time will your engines be ready?	
RK		My engines will be ready at time indicated.	
	RK 1	My engines are ready.	
RL		You should stop your engines immediately.	
	RL 1	You should stop your engines.	
RM		My engines are stopped.	
	RM 1	I am stopping my engines.	
	RM 2	I am obliged to stop my engines.	
RN		My engines are out of action.	
		I can only proceed with one engine.	IL 1
		<u>Propeller</u>	
RO		Propeller shaft is broken.	
	RO 1	My propeller is fouled by hawser or rope.	
	RO 2	I have lost my propeller.	
		I require immediate assistance; propeller shaft is broken.	CB 8
		LANDING - BOARDING	
		<u>Landing</u>	
*RP		Landing here is highly dangerous.	
	*RP 1	Landing here is highly dangerous. A more favourable location for landing is at position indicated.	
**RQ		Interrogative or "the significance of the previous group should be read as a question".	
*RR		This is the best place to land.	
	*RR 1	Lights will be shown or flag waved at the best landing place.	
		Boat should endeavour to land where flag is waved or light is shown.	DC
		Boats are not allowed to land (after time indicated).	DD 1

*Reference is made to landing signals prescribed by the International Convention for the Safety of Life at Sea, 1960 (Regulation 16(b), Chapter V), for the guidance of small boats with crews or persons in distress.

**Procedural signal.

Boarding

RS	No-one is allowed on board.	SQ 3
	You should stop, or heave to, I am going to board you.	

MANOEUVRE

RT	Stop carrying out your intentions and watch for my signals.	X
	RT 1 What manoeuvres do you intend to carry out?	
RU	Keep clear of me; I am manoeuvring with difficulty.	D
	RU 1 I am carrying out manoeuvring trials.	

PROCEED - UNDER WAY

Proceed

RV	You should proceed (to place indicated if necessary).	
	RV 1 You should proceed to destination.	
	RV 2 You should proceed into port.	
	RV 3 You should proceed to sea.	
RW	You should proceed to anchorage in position indicated (lat ... long ...).	
RX	You should proceed at time indicated.	
RY	You should proceed at slow speed when passing me (or vessels making this signal).	
	You should proceed to the rescue of vessel (or ditched aircraft) in lat ... long	GP
	You should proceed to lat ... long ... to pick up survivors.	HN
	You should proceed with great caution.	NE
	You should proceed with great caution; the coast is dangerous.	NE 1
	You should proceed with great caution; submarines are exercising in this area.	NE 2
	You should proceed with great caution; there is a boom across.	NE 3
	You should proceed with great caution; keep clear of firing range.	NE 4
	You should proceed with great caution; hostile vessel sighted (in lat ... long ...).	NE 5
	You should proceed with great caution; hostile submarine sighted (in lat ... long ...).	NE 6

	You should proceed with great caution; hostile aircraft sighted (in lat ... long ...).	NE 7
RZ	You should not proceed (to place indicated if necessary).	
	RZ 1 You should not proceed out of harbour/anchorage.	
	All vessels should proceed to sea as soon as possible owing to danger in port.	UL
SA	I can proceed at time indicated.	
SB	I am proceeding to the position of accident.	
	I am (or vessel indicated is) proceeding to your assistance.	CP
	I am proceeding to the assistance of vessel/aircraft in distress (lat ... long ...).	CR
	I am proceeding to the position of accident at full speed. Expect to arrive at time indicated.	FE
	Are you proceeding to the position of accident? If so, when do you expect to arrive?	FE 1
	I cannot proceed to the rescue owing to weather. You should do all you can.	GQ
	I will try to proceed by my own means but I request you to keep in contact with me by ... (complements Table I).	IJ
	I can proceed at ... (number) knots.	IK
	I can only proceed at slow speed.	IL
	I can only proceed with one engine.	IL 1
	I am unable to proceed under my own power.	IL 2
	Are you in a condition to proceed?	IL 3
	I have placed the collision mat. I can proceed without assistance.	KA 1

Under way

SC	I am under way.	
	SC 1 I am ready to get under way.	
	SC 2 I shall get under way as soon as the weather permits.	
SD	I am not ready to get under way.	
SF	Are you (or vessel indicated) under way?	
	SF 1 Are you ready to get under way?	
	SF 2 At what time will you be under way?	

SPEED

SG	My present speed is ... (number) knots.	
SJ	My maximum speed is ... (number) knots.	
SL	What is your present speed? SL 1 What is your maximum speed?	
	The speed of my aircraft in relation to the surface of the earth is ... (knots or kilometres per hr).	BQ
	What is the speed of your aircraft in relation to the surface of the earth?	BQ 1
	My present position, course and speed are lat ... long ..., ..., knots ...	EV
	What are your present position, course and speed?	EV 1
	Will vessels in my immediate vicinity (or in the vicinity of lat ... long ...) please indicate position, course and speed.	FB
	I can only proceed at slow speed.	IL
	Maximum speed in tow is ... (number) knots.	LH
	I am increasing speed.	LI
	Increase speed.	LI 1
	I am reducing speed.	LJ
	Reduce speed.	LJ 1
	You should proceed at slow speed when passing me (or vessels making this signal).	RY
	Take the way off your vessel.	SP
	My vessel is stopped and making no way through the water.	SP 1
SM	I am undergoing speed trials.	

STOP - HEAVE TO

- | | | |
|----|---|----|
| SN | You should stop immediately. Do not scuttle. Do not lower boats. Do not use the wireless. If you disobey I shall open fire on you. | |
| SO | You should stop your vessel instantly,
SO 1 You should stop. Head off shore.
SO 2 You should remain where you are. | L |
| SP | Take the way off your vessel.
SP 1 My vessel is stopped and making no way through the water. | M |
| SQ | You should stop, or heave to.
SQ 1 You should stop or heave to, otherwise I shall open fire on you.
SQ 2 You should stop or heave to; I am going to send a boat.
SQ 3 You should stop, or heave to; I am going to board you. | |
| | You should heave to or anchor until pilot arrives. | UB |
| | I am (or vessel indicated is) stopped in thick fog. | XP |

V. MISCELLANEOUS

CARGO – BALLAST

- ST What is your cargo?
- SU My cargo is agricultural products.
- SU 1 My cargo is coal.
 - SU 2 My cargo is dairy products.
 - SU 3 My cargo is fruit products.
 - SU 4 My cargo is heavy equipment/machinery.
 - SU 5 My cargo is livestock.
 - SU 6 My cargo is lumber.
 - SU 7 My cargo is oil/petroleum products.
 - SU 8 I have a general cargo.
- SV I am not seaworthy due to shifting of cargo or ballst.
- SW I am taking in, or discharging, or carrying dangerous goods. B
- SX You should not discharge oil or oily mixture.
- SY The discharge of oil or oily mixture in this area is prohibited within ... (number) miles from the nearest land.

CREW – PERSONS ON BOARD

- SZ Total number of persons on board is ...
- TA I have left ... (number) men on board.
- TB ... (number) persons have died.
- TC ... (number) persons are sick.
- I am alighting (in position indicated if necessary) to pick up crew of vessel/aircraft. AV
- I cannot alight but I can lift crew. AZ
- You cannot alight on the deck. Can you lift crew? BA 1
- Boat(s)/raft(s) should approach vessel as near as possible to take off persons. DA
- All persons saved. GZ
- All persons lost. GZ 1

I (or rescue vessel/aircraft) have rescued ... (number) injured persons.

HA

Can I transfer rescued persons to you?

HD

*FISHERY

TD I am a fishcatch carrier boat.

TD 1 I am a mothership for fishing vessel(s).

TD 2 Are you a fishing vessel?

TE I am bottom trawling.

TE 1 I am trawling with a floating trawl.

TE 2 I am long-line fishing.

TE 3 I am fishing with towing lines.

TE 4 I am engaged on two-boat fishing operation.

TE 5 I am drifting on my nets.

TE 6 In what type of fishing are you engaged?

TF I am shooting purse seine.

TF 1 I am shooting drift nets.

TF 2 I am shooting seine net.

TF 3 I am shooting trawl.

TF 4 I am shooting long lines.

TG I am hauling purse seine.

TG 1 I am hauling drift nets.

TG 2 I am hauling seine net.

TG 3 I am hauling trawl.

TG 4 I am hauling long lines.

TH You should navigate with caution. Small fishing boats are within ... (number) miles of me.

TI You should navigate with caution. You are drifting towards my set of nets.

TJ You should navigate with caution. There are nets with a buoy in this area.

There is fishing gear in the direction you are heading (or in direction indicated – complements Table III).

NB

TK Is there fishing gear set up on my course?

*Displaying any of the signals in this section does not relieve vessels from compliance with the International Regulations for Preventing Collisions at Sea.

TL	My gear is close to the surface in a direction ... (complements Table III) for a distance of ... miles.
TM	My gear is well below the surface in a direction ... (complements Table III) for a distance of ... miles.
TN	In what direction, distance and depth does your fishing gear extend?
TO	I have a mine in my sweep (or net).
TP	Fishing gear has fouled my propeller.
TQ	You have caught my fishing gear. <ul style="list-style-type: none"> TQ 1 It is necessary to haul in fishing gear for disentangling. TQ 2 I am clearing the fishing gear. TQ 3 You should take measures to recover the fishing gear.
TS	You should take the following action with your warps: <ul style="list-style-type: none"> TS 1 Veer the port (stern) warp. TS 2 Veer the starboard (fore) warp. TS 3 Veer both warps. TS 4 Stop veering. TS 5 Haul the port (stern) warp. TS 6 Haul the starboard (fore) warp. TS 7 Haul both warps. TS 8 Stop hauling. TS 9 You may haul your warps; the trawl is clear.
TU	I have to cut the warps. The trawls are entangled. <ul style="list-style-type: none"> TU 1 Give me your warp. I shall transfer your fishing gear on it. TU 2 Your warps are under mine. TU 3 Both my warps have parted. TU 4 My starboard (fore) warp has parted. TU 5 My port (stern) warp has parted.
TV	Fishing in this area is prohibited. <ul style="list-style-type: none"> TV 1 Trawling in this area is dangerous because there is an obstruction.
TW	Attention. You are in the vicinity of prohibited fishery limits.
TX	A fishery protection (or fishery assistance) vessel is in lat ... long ...
TY	I request assistance from fishery protection (or fishery assistance) vessel.
TZ	Can you offer assistance? (Complements Table II).

PILOT

(see also page 73, NAVIGATING AND STEERING INSTRUCTIONS)

- UA Pilot will arrive at time indicated.
- UB You should heave to or anchor until pilot arrives.
- I have a pilot on board. H
- UC Is a pilot available in this place (or place indicated)?
- I require a pilot. G
- UE Where can I get a pilot (for destination indicated if necessary)?
- UF You should follow pilot boat (or vessel indicated).
- UG You should steer in my wake.
- You should follow in my wake (or wake of vessel indicated). PM
- You should go ahead and lead the course. PM 1
- UH Can you lead me into port?
- UI Sea is too rough; pilot boat cannot get off to you.
- UJ Make a starboard lee for the pilot boat.
UJ 1 Make a port lee for the pilot boat.
- UK Pilot boat is most likely on bearing ... from you.
UK 1 Have you seen the pilot boat?
- Is radar pilotage being effected in this port (or port indicated)? OL

PORT - HARBOUR

- UL All vessels should proceed to sea as soon as possible owing to danger in port.
- UM The harbour (or port indicated) is closed to traffic.
- | You should not proceed out of harbour/anchorage. RZ 1
- UN | You may enter the harbour immediately (or at time indicated).
- UO You must not enter harbour.
- UP | Permission to enter harbour is urgently requested. I have an emergency case.
- | You should proceed into port. RV 2

UH

Can you lead me into port?

UQ You should wait outside the harbour (or river mouth).

UQ 1 You should wait outside the harbour until daylight.

UR My estimated time of arrival (at place indicated) is (time indicated).

UR 1 What is your estimated time of arrival (at place indicated)?

MISCELLANEOUS

US Nothing can be done until time indicated.

US 1 Nothing can be done until daylight.

US 2 Nothing can be done until tide has risen.

US 3 Nothing can be done until visibility improves.

US 4 Nothing can be done until weather moderates.

US 5 Nothing can be done until draught is lightened.

US 6 Nothing can be done until tugs have arrived.

UT Where are you bound for?

UT 1 Where are you coming from?

UU I am bound for ...

UV I am coming from ...

UW I wish you a pleasant voyage.

UW 1 Thank you very much for your co-operation. I wish you a pleasant voyage.

UX No information available.

I am unable to answer your question.

YK

Exercises

UY I am carrying out exercises. Please keep clear of me.

Bunkers

UZ I have bunkers for ... (number) hrs.

VB Have you sufficient bunkers to reach port?

VC Where is the nearest place at which fuel oil is available?

VC 1 Where is the nearest place at which diesel oil is available?
VC 2 Where is the nearest place at which coal is available?

VD Bunkers are available at place indicated (or lat ... long ...).

Fumigation

VE I am fumigating my vessel.

RS

No-one is allowed on board.

Identification

CS

What is the name or identity signal of your vessel (or station)?

VF You should hoist your identity signal.

VI. METEOROLOGY – WEATHER

CLOUDS

- VG The coverage of low clouds is ... (number of octants or eighths of sky covered).
- VH The estimated height of base of low clouds in hundreds of metres is ...
- VI What is the coverage of low clouds in octants (eighths of sky covered)?
VI 1 What is the estimated height of base of low clouds in hundreds of metres?

GALE – STORM – TROPICAL STORM

Gale

- VJ Gale (wind force Beaufort 8-9) is expected from direction indicated (complements Table III).

Storm

- VK Storm (wind force Beaufort 10 or above) is expected from direction indicated (complements Table III).

Tropical Storm

- VL Tropical storm (cyclone, hurricane, typhoon) is approaching. You should take appropriate precautions.

- VM Tropical storm is centred at ... (time indicated) in lat ... long ... on course ... speed ... knots.

- VN Have you latest information of the tropical storm (near lat ... long ... if necessary)?

Very deep depression is approaching from direction indicated (complements Table III). WT

There are indications of an intense depression forming in lat ... long ... WU

ICE – ICEBERGS

Ice

- VO Have you encountered ice?
- VP What is the character of ice, its development and the effects on navigation?

VQ	Character of ice:	
	VQ 0 No ice.	
	VQ 1 New ice (ice crystals, slush or sludge, pancake ice or ice rind).	
	VQ 2 Young fast ice (5-15 cm. thick or rotten fast ice).	
	VQ 3 Open drift ice (not more than 5/8 of the water surface are covered by ice-floes).	
	VQ 4 A compressed accumulation of sludge (a compressed mass of sludge or pancake ice, the ice cannot spread).	
	VQ 5 Winter fast ice (more than 15 cm. in thickness).	
	VQ 6 Close drift ice (the area is covered by ice-floes to a greater extent than 5/8).	
	VQ 7 Very close drift ice on open sea.	
	VQ 8 Pressure ice or big, vast, heavy ice-floes.	
	VQ 9 Shore lead along the coast.	
VR	No information available.	UX
	Ice development:	
	VR 0 No change.	
	VR 1 Ice situation has improved.	
	VR 2 Ice situation has deteriorated.	
	VR 3 Ice has been broken up.	
	VR 4 Ice has opened or drifted away.	
	VR 5 New ice has been formed and/or the thickness of the ice has increased.	
	VR 6 Ice has been frozen together.	
	VR 7 Ice has drifted into the area or has been squeezed together.	
	VR 8 Warning of pressure ridges.	
	VR 9 Warning of hummocking or ice screwing.	
VS	No information available.	UX
	Effects of the ice on navigation:	
	VS 0 Unobstructed.	
	VS 1 Unobstructed for power-driven vessels built of iron or steel, dangerous for wooden vessels without ice protection.	
	VS 2 Difficult for low-powered vessels without the assistance of an ice-breaker, dangerous for vessels of weak construction.	
	VS 3 Possible without ice-breaker only for high-powered vessels of strong construction.	
	VS 4 Ice-breaker assistance available in case of need.	
	VS 5 Proceed in channel without the assistance of ice-breaker.	
	VS 6 Possible only with the assistance of an ice-breaker.	

	VS 7	Ice-breaker can give assistance only to ships strengthened for navigation in ice.	
	VS 8	Temporarily closed for navigation.	
	VS 9	Navigation has ceased.	
		No information available.	UX
VT		Danger of ice accretion on superstructure (for example black frost).	
	VT 1	I am experiencing heavy icing on superstructure.	
VU		I have seen ice-field in lat ... long ...	
VV		Ice patrol ship is not on station.	
	VV 1	Ice patrol ship is on station.	
		<u>Icebergs</u>	
VW		I have seen icebergs in lat ... long ...	
VX		I have encountered one or more icebergs or growlers (with or without position and time).	
VY		One or more icebergs or growlers have been reported (with or without position and time).	
VZ		Navigation is dangerous in the area around lat ... long ... owing to iceberg(s).	
	VZ 1	Navigation is dangerous in the area around lat ... long ... owing to floating ice.	
	VZ 2	Navigation is dangerous in the area around lat ... long ... owing to pack ice.	
		*ICE-BREAKER	
**WA		Repeat word or group after ...	
**WB		Repeat word or group before ...	
WC		I am (or vessel indicated is) fast on ice and require(s) ice-breaker assistance.	
	WC 1	Ice-breaker is being sent to your assistance.	
		I require assistance in the nature of ice-breaker.	CD 9
WD		Ice-breaker is not available.	
	WD 1	Ice-breaker cannot render assistance at present.	
WE		Navigation channel is being kept open by ice-breaker.	
WF		I can give ice-breaker support only up to lat ... long ...	

WG	Open channel or open area is in the direction in which aircraft is flying.
WH	I can only assist if you will make all efforts to follow.
WI	At what time will you follow at full speed?
WJ	The convoy will start at time indicated from here (or from lat ... long ...).
WK	You (or vessel indicated) will be number ... in convoy.
WL	Ice-breaker is stopping work during darkness.
*WM	Ice-breaker support is now commencing. Use special ice-breaker support signals and keep continuous watch for sound, visual or radiotelephony signals.
WN	Ice-breaker is stopping work for ... (number) hrs. or until more favourable conditions arise.
WO	Ice-breaker support is finished. Proceed to your destination.
	You should go astern.

QL

*Special single-letter signals for use between ice-breakers and assisted vessels can be found on pages 26 and 27.

**Procedural signals.

ATMOSPHERIC PRESSURE - TEMPERATURE

Atmospheric pressure

- WP Barometer is steady.
 WP 1 Barometer is falling rapidly.
 WP 2 Barometer is rising rapidly.
- WQ The barometer has fallen ... (number) millibars during the past three hours.
- WR The barometer has risen ... (number) millibars during the past three hours.
- WS Corrected atmospheric pressure at sea level is ... (number) millibars.
 WS 1 State corrected atmospheric pressure at sea level in millibars.
- WT Very deep depression is approaching from direction indicated (complements Table III).
- WU There are indications of an intense depression forming in lat ... long ...

Temperature

- WV The air temperature is sub-zero (centigrade).
 WV 1 The air temperature is expected to be sub-zero (centigrade).

SEA - SWELL

Sea

- WW What are the sea conditions in your area (or around lat ... long ...)?
- WX The true direction of the sea in tens of degrees is ... (number following indicates tens of degrees).
- WY The state of the sea is ... (complements 0-9 corresponding to the following table):

		Height	
		in metres	in feet
0	Calm (glassy)	0	.0
1	Calm (rippled)	0 - 0.1	0 - $\frac{1}{3}$
2	Smooth (wavelets)	0.1 - 0.5	$\frac{1}{3}$ - $1\frac{1}{3}$
3	Slight	0.5 - 1.25	$1\frac{1}{3}$ - 4
4	Moderate	1.25 - 2.5	4 - 8

Height		
	in metres	in feet
5	Rough	2.5 – 4
6	Very rough	4 – 6
7	High	6 – 9
8	Very high	9 – 14
9	Phenomenal	over 14

WZ What are the forecast sea conditions in my area (or area around lat ... long ...)?

XA The true direction of the sea in tens of degrees is expected to be ... (number following indicates tens of degrees).

XB The state of the sea is expected to be ... (complements 0-9 as in the table above).

Swell

XC What are the swell conditions in your area (or area around lat ... long ...)?

XD The true direction of the swell in tens of degrees is ... (number following indicates tens of degrees).

XE The state of the swell is ... (complements 0-9 corresponding to the following table):

0	No swell	}	weak – approximate height < 2 m. (6 ft.)
1	Short or middle		
2	Long		
3	Short	}	moderate – approximate height 2 – 4 m. (6 – 12 ft.)
4	Middle		
5	Long		
6	Short	}	high – approximate height > 4 m. (12 ft.)
7	Middle		
8	Long		
9	Confused		

XF What are the forecast swell conditions in my area (or area around lat ... long ...)?

XG The true direction of the swell in tens of degrees is expected to be ... (number following indicates tens of degrees).

XH The state of the swell is expected to be ... (complements 0-9 as in the table above).
Tsunami (phenomenal wave) is expected. You should take appropriate precautions. ND

VISIBILITY - FOG

- XI Indicate visibility.
- XJ Visibility is ... (number) tenths of nautical miles.
- XK Visibility is variable between ... and ... (maximum and minimum in tenths of nautical miles).
- XL Visibility is decreasing.
 XL 1 Visibility is increasing.
 XL 2 Visibility is variable.
- XM What is the forecast visibility in my area (or area around lat ... long ...)?
- XN Visibility is expected to be ... (number) tenths of nautical miles.
- XO Visibility is expected to decrease.
 XO 1 Visibility is expected to increase.
 XO 2 Visibility is expected to be variable.
- XP I am (or vessel indicated is) stopped in thick fog.
 XP 1 I am entering zone of restricted visibility.

WEATHER - WEATHER FORECAST

- XQ What weather are you experiencing?
- XR Weather is good.
 XR 1 Weather is bad.
 XR 2 Weather is moderating.
 XR 3 Weather is deteriorating.
- XS Weather report is not available.

XT	Weather expected is bad.
	XT 1 Weather expected is good.
	XT 2 No change is expected in the weather.
	XT 3 What weather is expected?
XU	You should wait until the weather moderates.
	XU 1 I will wait until the weather moderates.
XV	Please give weather forecast for my area (or area around lat ... long ...) in MAFOR Code.
	WIND
XW	What is the true direction and force of wind in your area (or area around lat ... long ...)?
XX	True direction of wind is ... (complements Table III).
XY	Wind force is Beaufort Scale ... (numerals 0-12).
XZ	What is the wind doing?
	XZ 1 The wind is backing.
	XZ 2 The wind is veering.
	XZ 3 The wind is increasing.
	XZ 4 The wind is squally.
	XZ 5 The wind is steady in force.
	XZ 6 The wind is moderating.
YA	What wind direction and force is expected in my area (or area around lat ... long ...)?
YB	True direction of wind is expected to be ... (complements Table III).
YC	Wind force expected is Beaufort Scale ... (numerals 0-12).
YD	What is the wind expected to do?
	YD 1 The wind is expected to back.
	YD 2 The wind is expected to veer.
	YD 3 The wind is expected to increase.
	YD 4 The wind is expected to become squally.
	YD 5 The wind is expected to remain steady in force.
	YD 6 The wind is expected to moderate.

VII. COMMUNICATIONS

ACKNOWLEDGE - ANSWER

YH I have received the following from ... (name or identity signal of vessel or station).

YI I have received the safety signal sent by ... (name or identity signal).

YJ Have you received the safety signal sent by ... (name or identity signal)?

YK I am unable to answer your question.

Received, or I have received your last signal.

R
(procedure signal)

CALLING

YL I will call you again at ... hrs. (on ... kc/s or Mc/s).

YM Who is calling me?

CANCEL

YN Cancel my last signal/message.

My last signal was incorrect. I will repeat it correctly.

ZP

COMMUNICATE

I wish to communicate with you by ... (complements Table I).

K
(with one numeral)

I wish to communicate with you.

K

YO I am going to communicate by ... (complements Table I).

YP I wish to communicate with vessel or coast station (identity signal) by ... (complements Table I).

YQ I wish to communicate by ... (complements Table I) with vessel bearing ... from me.

YR Can you communicate by ... (complements Table I)?

YS I am unable to communicate by ... (complements Table I).

YT I cannot read your ... (complements Table I).

*YU	I am going to communicate with your station by means of the International Code of Signals.	
*YV	The groups which follow are from the International Code of Signals. YV 1 The groups which follow are from the local code.	
YW	I wish to communicate by radiotelegraphy on frequency indicated.	
YX	I wish to communicate by radiotelephony on frequency indicated.	
YY	I wish to communicate by VHF radiotelephony on channel indicated.	
YZ	The words which follow are in plain language.	
ZA	I wish to communicate with you in language indicated: ZA 0 Dutch ZA 1 English ZA 2 French ZA 3 German ZA 4 Greek ZA 5 Italian ZA 6 Japanese ZA 7 Norwegian ZA 8 Russian ZA 9 Spanish	
ZB	I can communicate with you in language indicated (complements as above).	
ZC	Can you communicate with me in language indicated (complements as above)?	
ZD	Please communicate the following to all shipping in the vicinity.	
ZE	You should come within visual signal distance. You should keep within visual signal distance from me (or vessel indicated). PR 2	
	I have established communications with the aircraft in distress on 2182 kc/s. BC	
	Can you communicate with the aircraft? BC 1	
	I have established communications with the aircraft in distress on ... kc/s. BD	
	I have established communications with the aircraft in distress on ... Mc/s. BE	

*The abbreviation INTERCO may also be used to mean: "International Code group(s) follow(s)".

EXERCISE

- ZF I wish to exercise signals with you by ... (complements Table I).
ZG It is not convenient to exercise signals.
ZH Exercise has been completed.

RECEPTION - TRANSMISSION

- ZI I can receive but not transmit by ... (complements Table I).
ZJ I can transmit but not receive by ... (complements Table I).
ZK I cannot distinguish your signal. Please repeat it by ... (complements Table I).
ZL Your signal has been received but not understood.
I cannot read your ... (complements Table I). YT
ZM You should send (or speak) more slowly.
 ZM 1 Shall I send (or speak) more slowly?
ZN You should send each word or group twice.
ZO You should stop sending.
 ZO 1 Shall I stop sending?

REPEAT

- ZP My last signal was incorrect. I will repeat it correctly.
ZQ Your signal appears incorrectly coded. You should check and repeat the whole.
ZR Repeat the signal now being made to me by vessel (or coast station) ... (name or identity signal).

VIII. INTERNATIONAL SANITARY REGULATIONS

PRATIQUE MESSAGES

ZS	My vessel is "healthy" and I request free pratique.	Q
	*I require health clearance.	QQ
ZT	My Maritime Declaration of Health has negative answers to the six health questions.	
ZU	My Maritime Declaration of Health has a positive answer to question(s) ... (indicated by complements 1-6).	
ZV	I believe I have been in an infected area during the last thirty days.	
ZW	I require Port Medical Officer. ZW 1 Port Medical Officer will be available at (time indicated).	
ZX	You should make the appropriate pratique signal.	
ZY	You have pratique.	
ZZ	You should proceed to anchorage for health clearance (at place indicated). ZZ 1 Where is the anchorage for health clearance? I have a doctor on board.	AL
	Have you a doctor?	AM

*By night a red light over a white light may be shown, where it can best be seen, by vessels requiring health clearance. These lights should only be about 2 metres (6 feet) apart, should be exhibited within the precincts of a port and should be visible all round the horizon as nearly as possible.

TABLES OF COMPLEMENTS

Table I

1. Semaphore
2. Morse signalling by hand-flags or arms
3. Loud hailer (megaphone)
4. Morse signalling lamp
5. Sound signals
6. International Code flags
7. Radiotelegraphy 500 kc/s
8. Radiotelephony 2182 kc/s
9. VHF Radiotelephony – channel 16

Table II

0. Water
1. Provisions
2. Fuel
3. Pumping equipment
4. Fire-fighting appliances
5. Medical assistance
6. Towing
7. Survival craft
8. Vessel to stand by
9. Ice-breaker

Table III

0. Direction unknown (or calm)
1. North-east
2. East
3. South-east
4. South
5. South-west
6. West
7. North-west
8. North
9. All directions (or confused or variable)

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Radioactive material	66	Remain	84
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MEDICAL SECTION

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MEDICAL SECTION

INSTRUCTIONS

A. GENERAL

1. Medical advice should be sought and given in plain language whenever it is possible but, if language difficulties are encountered, this Code should be used.
2. Even when plain language is used, the text of the Code and the instructions should be followed as far as possible.
3. Reference is made to the procedure signals "C", "N" or "NO" and "RQ" which, when used after the main signal, change its meaning into affirmative, negative and interrogative respectively (see paragraph 3(j), Chapter VI, page 10).

Example: "MFE N" = "Bleeding is not severe"

"MFE RQ" = "Is bleeding severe?".

B. INSTRUCTIONS TO MASTERS

Standard method of case description

1. The master should make a careful examination of the patient and should try to collect, as far as possible, information covering the following subjects:
 - (a) Description of the patient (Chapter 2 of the Code);
 - (b) Previous health (Chapter 3);
 - (c) Localization of symptoms, diseases or injuries (Chapter 4);
 - (d) General symptoms (Chapter 5);
 - (e) Particular symptoms (Chapter 6);
 - *(f) Diagnosis (Chapter 9).
2. Such information should be coded by choosing the appropriate groups from the corresponding chapters of this section. It would help the recipients of the signal if the information is transmitted in the order stated in paragraph 1.
3. Chapter 1 contains signals which can be used independently, i.e. with or without the description of the case.
4. After a reply from the doctor has been received and the instructions therein followed, the master can give a progress report by using signals from Chapter 7.

C. INSTRUCTIONS TO DOCTORS

1. Additional information can be requested by using Chapter 8, example: "MQB" = "I cannot

*Chapter 9, "Diagnosis", can be used by both the master ("request for medical assistance") and the doctor ("medical advice").

understand your signal, please use standard method of case description".

2. For diagnosis*, Chapter 9 should be used, example: "MQE 26" = "My probable diagnosis is cystitis".

3. Prescribing should be limited to the "List of medicaments" which is set out in Table M III of the Code.

4. For special treatment, signals from Chapter 11 should be used.

Example: "MRP 4" = "Apply ice-cold compress and renew every 4 hours".

5. When prescribing a medicament (Chapter 11) three signals should be used as follows:

(a) the first (Chapter 11.1 and Table M III) to signify the medicament itself:

Example: "MTD 32" = "You should give Aspirin tablets".

(b) the second (Chapter 11.2) to signify the method of administration and dose:

Example: "MTI 2" = "You should give by mouth 2 tablets/capsules".

(c) the third (Chapter 11.3) to signify the frequency of the dose:

Example: "MTQ 8" = "You should repeat every 8 hours".

6. The frequency of external applications is set out in Chapter 11.4:

Example: "MTU 4" = "You should apply every 4 hours".

7. Advice concerning diet can be given by using signals from Chapter 12:

Example: "MUC" = "Give water only in small quantities".

D. EXAMPLES

As an example, two cases of request for assistance and the corresponding replies are drafted below:

CASE ONE

Request for medical assistance

I have a male aged (44) years. Patient has been ill for (2) days. Patient has suffered from (bronchitis acute). Onset was sudden. Patient is delirious. Patient has fits of shivering. Temperature taken in mouth is (40). Pulse rate per minute is (110). The rate of breathing per minute is (30). Patient is in pain (chest). Part of the body affected is right (chest). Pain is increased on breathing. Patient has severe cough. Patient has bloodstained sputum. Patient has been given (penicillin injection) without effect. Patient has received treatment by medicaments in last (18) hours. My probable diagnosis is (pneumonia).

Medical advice

Your diagnosis is probably right. You should continue giving (penicillin injection). You should repeat every (12) hours. Put patient to bed lying down at absolute rest. Keep patient warm. Give fluid diet, milk, fruit juice, tea, mineral water. Give water very freely. Refer back to me in (24) hours or before if patient worsens.

*Chapter 9, "Diagnosis", can be used by both the master ("request for medical assistance") and the doctor ("medical advice").

CASE TWO

Request for medical assistance

I have a male aged (31) years. Patient has been ill for (3) hours. Patient has had no serious previous illness. Pulse rate per minute is (95). Pulse is weak. Patient is sweating. Patient is in pain lumbar (kidney) region. The part affected is left lumbar (kidney) region. Pain is severe. Pain is increased by hand pressure. Bowels are regular.

Request for additional information

I cannot make a diagnosis. Please answer the following question(s). Temperature taken in mouth is (number). Pain radiates to groin and testicle. Patient has pain on passing water. Urinary functions normal. Vomiting is present.

Additional information

Temperature taken in mouth is (37). Pain radiates to groin and testicle. Patient has pain on passing water. Patient is passing small quantities of urine frequently. Vomiting is absent. Patient has nausea.

Medical advice

My probable diagnosis is kidney stone (renal colic). You should give morphine injection. You should give by subcutaneous injection (15) milligrams. Give water freely. Apply hot water bottle to lumbar (kidney) region. Patient should be seen by a doctor when next in port.

PART I – REQUEST FOR MEDICAL ASSISTANCE

CHAPTER 1 – REQUEST – GENERAL INFORMATION

MAA	I request urgent medical advice.	
MAB	I request you to make rendez-vous in position indicated.	
MAC	I request you to arrange hospital admission.	
MAD	I am ... (indicate number) hours from nearest port.	
MAE	I am converging on nearest port.	
MAF	I am moving away from nearest port. I require medical assistance.	W
	I have a doctor on board.	AL
	Have you a doctor?	AM
	I need a doctor.	AN
	I need a doctor; I have severe burns.	AN 1
	I need a doctor; I have radiation casualties.	AN 2
	I require a helicopter urgently with a doctor.	BR 2
	I require a helicopter urgently to pick up injured/sick person.	BR 3
	Helicopter is coming to you now (or at time indicated) with a doctor.	BT 2
	Helicopter is coming to you now (or at time indicated) to pick up injured/sick person.	BT 3
	I have injured/sick person (or number of persons indicated) to be taken off urgently.	AQ
	You should send a helicopter/boat with a stretcher.	BS
	A helicopter/boat is coming to take injured/sick.	BU
	You should send injured/sick persons to me.	AT

CHAPTER 2 – DESCRIPTION OF PATIENT

MAJ	I have a male aged ... (number) years.
MAK	I have a female aged ... (number) years.

MAL	I have a female ... (number) months pregnant.
MAM	Patient has been ill for ... (number) days.
MAN	Patient has been ill for ... (number) hours.
MAO	General condition of the patient is good.
MAP	General condition of the patient is serious.
MAQ	General condition of the patient is unchanged.
MAR	General condition of the patient has worsened.
MAS	Patient has been given ... (Table M III) with effect.
MAT	Patient has been given ... (Table M III) without effect.
MAU	Patient has received treatment by medicaments in last ... (indicate number) hours.

CHAPTER 3 – PREVIOUS HEALTH

MBA	Patient has suffered from ... (Table M II).
MBB	Patient has had previous operation ... (Table M II).
MBC	Patient has had no serious previous illness.
MBD	Patient has had no relevant previous injury.

CHAPTER 4 – LOCALIZATION OF SYMPTOMS, DISEASES OR INJURIES

MBE	The whole body is affected.
MBF	The part of the body affected is ... (Table M I).
*MBG	The part of the body affected is right ... (Table M I).
*MBH	The part of the body affected is left ... (Table M I).

CHAPTER 5 – GENERAL SYMPTOMS

MBP	Onset was sudden.
MBQ	Onset was gradual.

*To be used when right and left side of the body or limb need to be differentiated.

	<u>Temperature</u>
MBR	Temperature taken in mouth is ... (number).
MBS	Temperature taken in rectum is ... (number).
MBT	Temperature in the morning is ... (number).
MBU	Temperature in the evening is ... (number).
MBV	Temperature is rising.
MBW	Temperature is falling.
	<u>Pulse</u>
MBX	The pulse rate per minute is ... (number).
MBY	The pulse rate is irregular.
MBZ	The pulse rate is rising.
MCA	The pulse rate is falling.
MCB	The pulse is weak.
MCC	The pulse is too weak to count.
MCD	The pulse is too rapid to count.
	<u>Breathing</u>
MCE	The rate of breathing per minute is ... (number) (in and out being counted as one breath).
MCF	The breathing is weak.
MCG	The breathing is wheezing.
MCH	The breathing is regular.
MCI	The breathing is irregular.
MCJ	The breathing is strenuous (noisy).
	<u>Sweating</u>
MCL	Patient is sweating.

MCM	Patient has fits of shivering (chills).
MCN	Patient has night sweats.
MCO	Patient's skin is hot and dry.
MCP	Patient's skin is cold and clammy.
<u>Mental state and consciousness</u>	
MCR	Patient is conscious.
MCT	Patient is semi-conscious but can be roused.
MCU	Patient is unconscious.
MCV	Patient found unconscious.
MCW	Patient appears to be in a state of shock.
MCX	Patient is delirious.
MCY	Patient has mental symptoms.
MCZ	Patient is paralysed ... (Table M I).
MDC	Patient is restless.
MDD	Patient is unable to sleep.
<u>Pain</u>	
MDF	Patient is in pain ... (Table M I).
MDG	Pain is a dull ache.
MDJ	Pain is slight.
MDL	Pain is severe.
MDM	Pain is intermittent.
MDN	Pain is continuous.
MDO	Pain is increased by hand pressure.
MDP	Pain radiates to ... (Table M I).
MDQ	Pain is increased on breathing.

MDR	Pain is increased by action of bowels.
MDT	Pain is increased on passing water.
MDU	Pain occurs after taking food.
MDV	Pain is relieved by taking food.
MDW	Pain has no relation to taking food.
MDX	Pain is relieved by heat.
MDY	Pain has ceased.

Cough

MED	Cough is present.
MEF	Cough is absent.

Bowels

MEG	Bowels are regular.
MEJ	Patient is constipated and bowels last opened ... (indicate number of days).
MEL	Patient has diarrhoea ... (indicate number of times daily).

Vomiting

MEM	Vomiting is present.
MEN	Vomiting is absent.
MEO	Patient has nausea.

Urine

MEP	Urinary functions normal.
MEQ	Urinary functions abnormal.

Bleeding

MER	Bleeding is present ... (Table M 1).
MET	Bleeding is absent.

Rash

MEU A rash is present ... (Table M I).

MEV A rash is absent.

Swelling

MEW Patient has a swelling ... (Table M I).

MEX Swelling is hard.

MEY Swelling is soft.

MEZ Swelling is hot and red.

MFA Swelling is painful on hand pressure.

MFB Swelling is discharging.

MFC Patient has an abscess ... (Table M I).

MFD Patient has a carbuncle ... (Table M I).

CHAPTER 6 – PARTICULAR SYMPTOMS

6.1 – Accidents, Injuries, Fractures, Suicide and Poisons

- Bleeding is present ... (Table M I). MER
- MFE Bleeding is severe.
- MFF Bleeding is slight.
- MFG Bleeding has been stopped by pad(s) and bandaging.
- MFH Bleeding has been stopped by tourniquet.
- MFI Bleeding has stopped.
- MFJ Bleeding cannot be stopped.
- MFK Patient has a superficial wound ... (Table M I).
- MFL Patient has a deep wound ... (Table M I).
- MFM Patient has a penetrating wound ... (Table M I).
- MFN Patient has a clean-cut wound ... (Table M I).

MFO	Patient has a wound with ragged edges ... (Table M I).
MFP	Patient has a wound discharging ... (Table M I).
MFQ	Patient has contusion (bruising) ... (Table M I).
MFR	Wound is due to blow.
MFS	Wound is due to crushing.
MFT	Wound is due to explosion.
MFU	Wound is due to fall.
MFV	Wound is due to gun-shot.
MFW	Patient has a foreign body in wound.
MFX	Patient is suffering from concussion.
MFY	Patient cannot move the arm ... (Table M I).
MFZ	Patient cannot move the leg ... (Table M I).
MGA	Patient has dislocation ... (Table M I).
MGB	Patient has simple fracture ... (Table M I).
MGC	Patient has compound fracture ... (Table M I).
MGD	Patient has comminuted fracture ... (Table M I).
MGE	Patient has attempted suicide.
MGF	Patient has cut throat.
MGG	Patient has superficial burn ... (Table M I).
MGH	Patient has severe burn ... (Table M I).
MGI	Patient is suffering from non-corrosive poisoning (no staining and burning of mouth and lips).
MGJ	Patient has swallowed corrosive (staining and burning of mouth and lips).
MGK	Patient has swallowed unknown poison.
MGL	Patient has swallowed a foreign body.
MGM	Emetic has been given with good results.

MGN	Emetic has been given without good results.
MGO	No emetic has been given.
MGP	Patient has had corrosive thrown on him ... (Table M I).
MGQ	Patient has inhaled poisonous gases, vapours, dust.
MGR	Patient is suffering from animal bite ... (Table M I).
MGS	Patient is suffering from snake bite ... (Table M I).
MGT	Patient is suffering from gangrene ... (Table M I).

6.2 – Diseases of Nose and Throat

MCU	Patient has nasal discharge.
MGV	Patient has foreign body in nose.
MHA	Lips are swollen.
MHB	Tongue is dry.
MHC	Tongue is coated.
MHD	Tongue is glazed and red.
MHF	Tongue is swollen.
MHG	Patient has ulcer on tongue.
MHJ	Patient has ulcer in mouth.
MHK	Gums are sore and bleeding.
MHL	Throat is sore and red.
MHM	Throat has pinpoint white spots on tonsils.
MHN	Throat has grey white patches on tonsils.
MHO	Throat hurts and is swollen on one side.
MHP	Throat hurts and is swollen on both sides.
MHQ	Swallowing is painful.
MHR	Patient cannot swallow.

MHT	Patient has hoarseness of voice.	
	Patient has swallowed a foreign body.	MGL
MHV	Patient has severe toothache.	
6.3 Diseases of Respiratory System		
MHY	Patient has pain in chest on breathing ... (Table M I).	
	Breathing is wheezing.	MCG
MHZ	Breathing is deep.	
MIA	Patient has severe shortness of breath.	
MIB	Patient has asthmatical attack.	
	Cough is absent.	MEF
MIC	Patient has severe cough.	
MID	Cough is long-standing.	
MIF	Patient is coughing up blood.	
MIG	Patient has no sputum.	
MIJ	Patient has abundant sputum.	
MIK	Sputum is offensive.	
MIL	Patient has blood-stained sputum.	
MIM	Patient has blueness of face.	
6.4 Diseases of the Digestive System		
MIN	Patient has tarry stool.	
MIO	Patient has clay-coloured stool.	
	Patient has diarrhoea ... (indicate number of times daily).	MEL
MIP	Patient has diarrhoea with frequent stools like rice water.	
MIQ	Patient is passing blood with stools.	
MIR	Patient is passing mucus with stools.	
	Patient has nausea.	MEO

MIT	Patient has persistent hiccough.	
MIU	Patient has cramp pains and vomiting. Vomiting is present. Vomiting is absent.	MEM MEN
MIV	Vomiting has stopped.	
MIW	Vomiting is persistent.	
MIX	Vomit is streaked with blood.	
MIY	Patient vomiting much blood.	
MIZ	Vomit is dark (like coffee grounds).	
MJA	Patient vomits any food and liquid given.	
MJB	Amount of vomit is ... (indicate in decilitres: 1 decilitre equals one-sixth of a pint).	
MJC	Frequency of vomiting is ... (indicate number) daily.	
MJD	Patient has flatulence.	
MJE	Wind has not been passed per anus for ... (indicate number of hours).	
MJF	Wind is being passed per anus.	
MJG	Abdomen is distended.	
MJH	Abdominal wall is soft (normal).	
MJI	Abdominal wall is hard and rigid.	
MJJ	Abdominal wall is tender ... (Table M I). Patient is in pain ... (Table M I).	MDF
	Patient has a swelling ... (Table M I).	MEW
MJK	Hernia is present.	
MJM	Hernia cannot be replaced.	
MJN	Hernia is painful and tender.	
MJO	Patient has bleeding haemorrhoids.	

MJP Haemorrhoids cannot be reduced (put back in place).

6.5 – Diseases of the Genito-Urinary System

Patient is in pain ... (Table M I).

MDF

MJS Patient has pain on passing water.

MJT Patient has pain in penis at end of passing water.

MJU Patient has pain spreading from abdomen to penis, testicles or thigh.

MJV Patient is unable to hold urine (incontinent).

MJW Patient is unable to pass urine.

MJX Patient is passing small quantities of urine frequently.

MJY Amount of urine passed in 24 hours ... (indicate number in decilitres:
1 decilitre equals one-sixth of a pint).

Urinary functions normal.

MEP

MKA Urine contains albumen.

MKB Urine contains sugar.

MKC Urine contains blood.

MKD Urine is very dark brown.

MKE Urine is offensive and may contain pus.

MKF Penis is swollen.

MKH Foreskin will not go back to normal position.

MKI Patient has swelling of testicles.

MKJ Shall I pass a catheter?

MKK I have passed a catheter.

MKL I am unable to pass a catheter.

6.6 – Diseases of the Nervous System and Mental Diseases

MKP Patient has headache ... (Table M I).

MKQ Headache is throbbing.

MKR	Headache is very severe.	
MKS	Head cannot be moved forwards to touch chest.	
MKT	Patient cannot feel pinprick ... (Table M I).	
MKU	Patient is unable to speak properly.	
MKV	Giddiness (vertigo) is present.	
	Patient is paralysed ... (Table M I).	MCZ
	Patient is conscious.	MCR
	Patient is semi-conscious but can be roused.	MCT
	Patient is unconscious.	MCU
MKW	Pupils are equal in size.	
MKX	Pupils are unequal in size.	
MKY	Pupils do not contract in a bright light.	
MKZ	Patient has no control over his bowel.	
MLA	Patient has fits associated with rigidity of muscles and jerking of limbs – indicate number of fits per 24 hours.	
	Patient has mental symptoms	MCY
MLB	Patient has delusions.	
MLC	Patient is depressed.	
	Patient is delirious.	MCX
MLD	Patient is uncontrollable.	
	Patient has attempted suicide.	MGE
MLE	Patient has had much alcohol.	
MLF	Patient has delirium tremens.	
MLG	Patient has bedsores ... (Table M I).	

6.7 – Diseases of the Heart and Circulatory System

	Patient is in pain ... (Table M I).	MDF
MLH	Pain has been present for ... (indicate number of minutes).	
MLI	Pain in chest is constricting in character.	
MLJ	Pain is behind the breastbone.	
	Pain radiates to ... (Table M I).	MDP
	Patient has blueness of face.	MIM
MLK	Patient has pallor.	
	The rate of breathing per minute is ... (number) (in and out being counted as one breath).	MCE
	The pulse is weak.	MCB
	The pulse rate is irregular.	MBY
	The pulse is too weak to count.	MCC
	The pulse is too rapid to count.	MCD
MLL	Breathing is difficult when lying down.	
MLM	Swelling of legs that pits on pressure.	
MLN	Patient has varicose ulcer.	

6.8 – Infectious and Parasitic Diseases

MLR	Rash has been present for ... (indicate number of hours).
MLS	Rash first appeared on ... (Table M I).
MLT	Rash is spreading to ... (Table M I).
MLU	Rash is fading.
MLV	Rash is itchy.
MLW	Rash is not itchy.
MLX	Rash looks like general redness.
MLY	Rash looks like blotches.

MLZ	Rash looks like small blisters containing clear fluid.	
MMA	Rash looks like larger blisters containing pus.	
MMB	Rash is weeping (oozing).	
MMC	Rash looks like wheals.	
MMD	Rash consists of rose-coloured spots that do not blench on pressure.	
MME	Skin is yellow.	
	Patient has an abscess ... (Table M I).	MFC
MMF	Patient has buboes ... (Table M I).	
MMJ	Patient has been isolated.	
MMK	Should patient be isolated?	
MML	I have had (indicate number) similar cases.	
	Patient has diarrhoea with frequent stools like rice water.	MIP
	Patient has never been successfully vaccinated against smallpox.	MUT
	Patient was last vaccinated ... (date indicated).	MUU
	Patient has vaccination marks	MUV
6.9 – <u>Venereal Diseases</u> (see also Diseases of Genito-Urinary System)		
MM P	Patient has discharge from penis.	
MMQ	Patient has previous history of gonorrhoea.	
MMR	Patient has single hard sore on penis.	
MMS	Patient has multiple sores on penis.	
	Patient has buboes ... (Table M I).	MMF
MMT	Patient has swollen glands in the groin.	
MMU	End of penis is inflamed and swollen.	
6.10 – <u>Diseases of the Ear</u>		
	Patient is in pain ... (Table M I).	MDF

MMW	Patient has boil in ear(s).	
MMX	Patient has discharge of blood from ear(s).	
MMY	Patient has discharge of clear fluid from ear(s).	
MMZ	Patient has discharge of pus from ear(s).	
MNA	Patient has hearing impaired.	
MNB	Patient has foreign body in ear.	
	Giddiness (vertigo) is present.	MKV
MNC	Patient has constant noises in ear(s).	
6.11 – Diseases of the Eye		
	Patient is in pain ... (Table M I).	MDF
MNG	Patient has inflammation of eye(s).	
MNH	Patient has discharge from eye(s).	
MNI	Patient has foreign body embedded in the pupil area of the eye.	
MNJ	Eye lids are swollen.	
MNK	Patient can not open eyes (raise eye lids).	
MNL	Patient has foreign body embedded in the white of the eye.	
MNM	Patient has double vision when looking at objects with both eyes open.	
MNN	Patient has sudden blindness in one eye.	
MNO	Patient has sudden blindness in both eyes.	
	Pupils are equal in size.	MKW
	Pupils are unequal in size.	MKX
	Pupils do not contract in a bright light.	MKY
	Patient has a penetrating wound ... (Table M I).	MFM
MNP	Eyeball is yellow in colour.	

6.12 – Diseases of the Skin

See Infectious and Parasitic Diseases (Chapter 6.8).

6.13 – Diseases of Muscles and Joints

- MNT Patient has pain in muscles of ... (Table M I).
MNU Patient has pain in joint(s) ... (Table M I).
MNV Patient has redness and swelling of joint(s) (Table M I).
MNW There is history of recent injury.
MNX There is no history of injury.

6.14 – Miscellaneous Illnesses

- Patient has had much alcohol. MLE
MOA Patient is suffering from heat exhaustion.
MOB Patient is suffering from heat stroke.
MOC Patient is suffering from sea sickness.
MOD Patient is suffering from exposure in lifeboat – indicate length of exposure (number) hours.
MOE Patient is suffering from frostbite ... (Table M I).
MOF Patient has been exposed to radioactive hazard.

6.15 – Childbirth

- MOK I have a patient in childbirth aged ... (number) years.
MOL Patient states she has had ... (number) children.
MOM Patient states child is due in ... (number) weeks.
MON Pains began ... (number) hours ago.
MOO Pains are feeble and produce no effect.
MOP Pains are strong and effective.
MOQ Pains are occurring every ... (number) minutes.

MOR	The bag of membranes broke ... (number) hours ago.
MOS	There is severe bleeding from the womb.
MOT	The head is coming first.
MOU	The buttocks are coming first.
MOV	A foot has appeared first.
MOW	An arm has appeared first.
MOX	The child has been born.
MOY	The child will not breathe.
MOZ	The placenta has been passed.
MPA	The placenta has not been passed.
MPB	I have a non-pregnant woman who is bleeding from the womb.

CHAPTER 7 – PROGRESS REPORT

MPE	I am carrying out prescribed instructions.
MPF	Patient is improving.
MPG	Patient is not improving.
MPH	Patient is relieved of pain.
MPI	Patient still has pain.
MPJ	Patient is restless.
MPK	Patient is calm.
MPL	Symptoms have cleared.
MPM	Symptoms have not cleared.
MPN	Symptoms have increased.
MPO	Symptoms have decreased.
MPP	Treatment has been effective.
MPQ	Treatment has been ineffective.
MPR	Patient has died.

PART II – MEDICAL ADVICE

CHAPTER 8 – REQUEST FOR ADDITIONAL INFORMATION

- MQB I cannot understand your signal please use standard method of case description.
- MQC Please answer the following question(s).

CHAPTER 9 – DIAGNOSIS

- MQE My probable diagnosis is ... (Table M II).
- MQF My alternative diagnosis is ... (Table M II).
- MQG My probable diagnosis is infection or inflammation.
- MQH My probable diagnosis is perforation of ... (Table M I).
- MQI My probable diagnosis is tumour of ... (Table M I).
- MQJ My probable diagnosis is obstruction of ... (Table M I).
- MQK My probable diagnosis is haemorrhage of ... (Table M I).
- MQL My probable diagnosis is foreign body in ... (Table M I).
- MQM My probable diagnosis is fracture of ... (Table M I).
- MQN My probable diagnosis is dislocation of ... (Table M I).
- MQO My probable diagnosis is sprain of ... (Table M I).
- MQP I cannot make a diagnosis.
- MQT Your diagnosis is probably right.
- MQU I am not sure about your diagnosis.

CHAPTER 10 – SPECIAL TREATMENT

- MRI You should refer to your International Ship's Medical Guide if available or its equivalent.
- MRJ You should follow treatment in your own medical guide.

MRK	You should follow the instructions for this procedure outlined in your own medical guide.
MRL	Commence artificial respiration immediately.
MRM	Pass catheter into bladder.
MRN	Pass catheter again after ... (number) hours.
MRO	Pass catheter and retain it in bladder.
MRP	Apply ice cold compress and renew every ... (number) hours.
MRQ	Apply hot compress and renew every ... (number) hours.
MRR	Apply hot water bottle to ... (Table M 1).
MRS	Insert ear drops ... (number) times daily.
MRT	Insert antiseptic eye drops ... (number) times daily.
MRU	Insert anaesthetic eye drops ... (number) times daily.
MRV	Bathe eye frequently with hot water.
MRW	Give frequent gargles one teaspoonful of salt in a tumblerful of water.
MRX	Give enema.
MRY	Do not give enema or laxative.
MRZ	Was the result of the enema satisfactory?
MSA	Give rectal saline slowly to replace fluid loss.
MSB	Give subcutaneous saline to replace fluid loss .
MSC	Apply well padded splint(s) to immobilise limb. Watch circulation by inspection of colour of fingers or toes.
MSD	Apply cotton wool to armpit and bandage arm to side.
MSF	Apply a sling and/or rest the part.
MSG	Give light movements and massage daily.
MSJ	Place patient in hot bath.
MSK	To induce sleep give two sedative tablets.
MSL	Reduce temperature of patient as indicated in general nursing chapter.

MSM	The swelling should be incised and drained.
MSN	Dress wound with sterile gauze, cotton wool and bandage.
MSO	Dress wound with sterile gauze, cotton wool and apply well-padded splint.
MSP	Apply burn and wound dressing and bandage lightly.
MSQ	Dress wound and bring edges together with adhesive plaster.
MSR	The wound should be stitched.
MST	The wound should not be stitched.
MSU	Stop bleeding by applying more cotton wool, firm bandaging and elevation of the limb.
MSV	Stop bleeding by manual pressure.
MSW	Apply tourniquet for not more than fifteen minutes.
MSX	Induce vomiting by giving an emetic.
MSY	You should pass a stomach tube.
MSZ	Do not try to empty stomach by any method.

CHAPTER 11 – TREATMENT BY MEDICAMENTS

11.1 – Prescribing

MTD	You should give ... (Table M III).
MTE	You must not give ... (Table M III).

11.2 – Method of Administration and Dose

MTF	You should give one tablespoonful (30 cc or one ounce).
MTG	You should give one dessertspoonful (15 cc or half ounce).
MTH	You should give one teaspoonful (4 cc or 1 drachm).
MTI	You should give by mouth ... (number) tablets/capsules.
MTJ	You should give a tumblerful of water with each dose.
MTK	You should give by intramuscular injection ... (number) milligrammes.

MTL You should give by subcutaneous injection ... (number) milligrammes.

MTM You should give by intramuscular injection ... (number) ampoule(s).

MTN You should give by subcutaneous injection ... (number) ampoule(s).

11.3 – Frequency of Dose

MTO You should give once only.

MTP You should repeat after ... (number) hours.

MTQ You should repeat every ... (number) hours.

MTR You should continue for ... (number) hours.

11.4 – Frequency of External Application

MTT You should apply once only.

MTU You should apply every ... (number) hours.

MTV You should cease to apply.

MTW You should apply for ... (number) minutes.

CHAPTER 12 – DIET

MUA Give nothing by mouth.

MUB Give water very freely.

MUC Give water only in small quantities.

MUD Give water only as much as possible without causing the patient to vomit.

MUE Give ice to suck.

MUF Give fluid diet, milk, fruit juices, tea, mineral water.

MUG Give light diet such as vegetable soup, steamed fish, stewed fruit, milk puddings or equivalent.

MUH Give normal diet as tolerated.

CHAPTER 13 – CHILDBIRTH

- MUI Has she had previous children?
- MUJ How many months pregnant is she?
- MUK When did labour pains start?
Give enema. MRX
- MUL Encourage her to rest between pains.
- MUM Encourage her to strain down during pains.
- MUN What is the frequency of pains? (indicate in minutes).
To induce sleep give two sedative tablets. MSK
- MUO Patient should strain down and you exert steady but gentle pressure on lower part of the abdomen but not on the womb to help expulsion of the placenta.
- MUP You should apply tight wide binder around lower part of abdomen and hips.
- MUQ You should apply artificial respiration gently by mouth technique on infant.

CHAPTER 14 – VACCINATION AGAINST SMALLPOX

- MUR Has the patient been successfully vaccinated?
- MUS Has the patient been vaccinated during the past three years?
- MUT Patient has never been successfully vaccinated against smallpox.
- MUU Patient was last vaccinated ... (indicate date).
- MUV Patient has vaccination marks.

CHAPTER 15 – GENERAL INSTRUCTIONS

- MVA I consider the case is serious and urgent.
- MVB I do not consider the case serious or urgent.
- MVC Put patient to bed lying down at absolute rest.
- MVD Put patient to bed sitting up.
- MVE Raise head of bed.

MVF	Raise foot of bed.
MVG	Keep patient warm.
MVH	Keep patient cool.
MVI	You should continue your local treatment.
MVJ	You should continue your special treatment.
MVK	You should continue giving ... (Table M III).
MVL	You should suspend your local treatment.
MVM	You should suspend your special treatment.
MVN	You should cease giving ... (Table M III).
MVO	You should isolate the patient and disinfect his cabin.
MVP	You should land your patient at the earliest opportunity.
MVQ	Patient should be seen by a doctor when next in port.
MVR	I will arrange for hospital admission.
MVS	I think I should come on board and examine the case.
MVT	No treatment advised.
MVU	Refer back to me in ... (number) hours or before if patient worsens.

TABLES OF COMPLEMENTS

TABLE M I

REGIONS OF THE BODY

Side of body or limb affected should be clearly indicated — right, left

FIGURE I (Front)

- | | |
|----------------------------|---------------------------|
| 01. Frontal region of head | 19. Central upper abdomen |
| 02. Side of head | 20. Central lower abdomen |
| 03. Top of head | *21. Upper abdomen |
| 04. Face | *22. Lower abdomen |
| 05. Jaw | *23. Lateral abdomen |
| 06. Neck front | 24. Groin |
| 07. Shoulder | 25. Scrotum |
| 08. Clavicle | 26. Testicles |
| *09. Chest | 27. Penis |
| 10. Chest mid | 28. Upper thigh |
| 11. Heart | 29. Middle thigh |
| 12. Armpit | 30. Lower thigh |
| 13. Arm upper | 31. Knee |
| 14. Forearm | 32. Patella |
| 15. Wrist | 33. Front of leg |
| 16. Palm of hand | 34. Ankle |
| 17. Fingers | 35. Foot |
| 18. Thumb | 36. Toes |

*Indicate side as required.

FIG. 1

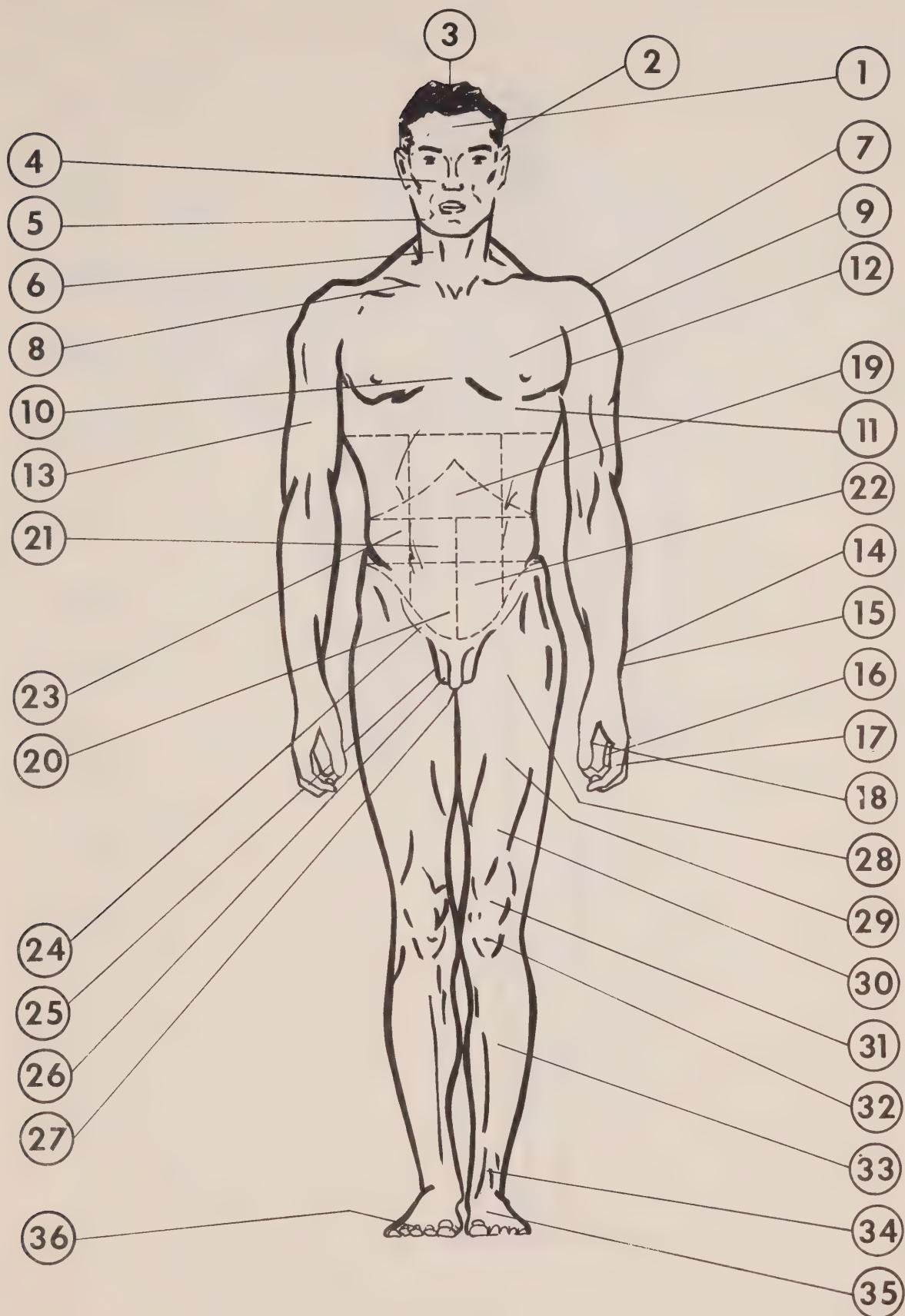


FIG. 2

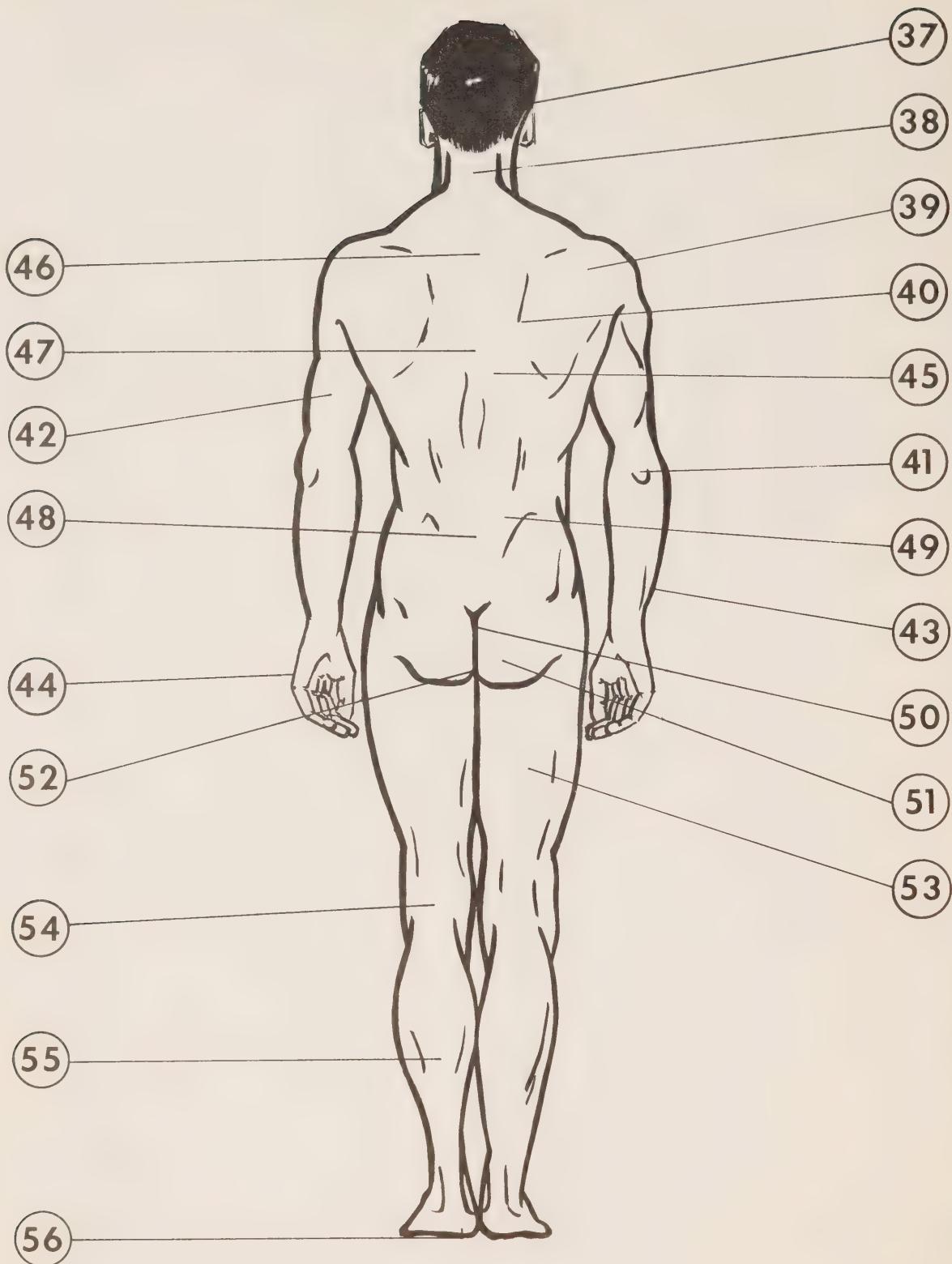


FIGURE II (Back)

- | | |
|-----------------------------|--------------------|
| 37. Back of head | 41. Elbow |
| 38. Back of neck | 42. Back upper arm |
| 39. Back of shoulder | 43. Back lower arm |
| 40. Scapula region | 44. Back of hand |
| *45. Lower chest region | 51. Buttock |
| 46. Spinal column upper | 52. Anus |
| 47. Spinal column middle | 53. Back of thigh |
| 48. Spinal column lower | 54. Back of knee |
| *49. Lumbar (kidney) region | 55. Calf |
| 50. Sacral region | 56. Heel |

OTHER ORGANS OF THE BODY

- | | |
|-------------------------|------------------------|
| 57. Artery | 75. Pancreas |
| 58. Bladder | 76. Prostate |
| 59. Brain | 77. Rib(s) |
| 60. Breast | 78. Spleen |
| 61. Ear(s) | 79. Stomach |
| 62. Eye(s) | 80. Throat |
| 63. Eyelid(s) | 81. Tongue |
| 64. Gall bladder | 82. Tonsils |
| 65. Gullet (Oesophagus) | 83. Tooth, teeth |
| 66. Gums | 84. Urethra |
| 67. Intestine | 85. Uterus, womb |
| 68. Kidney | 86. Vein |
| 69. Lip lower | 87. Voice box (larynx) |
| 70. Lip upper | 88. Whole abdomen |
| 71. Liver | 89. Whole arm |
| 72. Lungs | 90. Whole back |
| 73. Mouth | 91. Whole chest |
| 74. Nose | 92. Whole leg |

*Indicate side as required

TABLE M II
LIST OF COMMON DISEASES

- | | |
|-------------------------------------|--------------------------------|
| 01. Abscess | 37. Gastric ulcer |
| 02. Alcoholism | 38. Gastro-enteritis |
| 03. Allergic reaction | 39. Gonorrhoea |
| 04. Amoebic dysentery | 40. Gout |
| 05. Angina pectoris | 41. Heat cramps |
| 06. Anthrax | 42. Heat exhaustion |
| 07. Apoplexy (stroke) | 43. Heat stroke |
| 08. Appendicitis | 44. Hepatitis |
| 09. Asthma | 45. Hernia |
| 10. Bacillary dysentery | 46. Hernia (irreducible) |
| 11. Boils | 47. Hernia (strangulated) |
| 12. Bronchitis (acute) | 48. Immersion foot |
| 13. Bronchitis (chronic) | 49. Impetigo |
| 14. Brucellosis | 50. Insulin overdose |
| 15. Carbuncle | 51. Indigestion |
| 16. Cellulitis | 52. Influenza |
| 17. Chancroid | 53. Intestinal obstruction |
| 18. Chicken pox | 54. Kidney stone (renal colic) |
| 19. Cholera | 55. Laryngitis |
| 20. Cirrhosis of the liver | 56. Malaria |
| 21. Concussion | 57. Measles |
| 22. Compression of brain | 58. Meningitis |
| 23. Congestive heart failure | 59. Mental illness |
| 24. Constipation | 60. Migraine |
| 25. Coronary thrombosis | 61. Mumps |
| 26. Cystitis (bladder inflammation) | 62. Orchitis |
| 27. Dengue | 63. Peritonitis |
| 28. Diabetes | 64. Phlebitis |
| 29. Diabetic coma | 65. Piles |
| 30. Diphtheria | 66. Plague |
| 31. Drug reaction | 67. Pleurisy |
| 32. Duodenal ulcer | 68. Pneumonia |
| 33. Eczema | 69. Poisoning (corrosive) |
| 34. Erysipelas | 70. Poisoning (non-corrosive) |
| 35. Fits | 71. Poisoning (barbiturates) |
| 36. Gangrene | 72. Poisoning (methyl alcohol) |

- | | |
|---|-----------------------------|
| 73. Poisoning (gases) | 84. Shock |
| 74. Poliomyelitis | 85. Smallpox |
| 75. Prolapsed inter-vertebral disc (slipped disc) | 86. Syphilis |
| 76. Pulmonary tuberculosis | 87. Tetanus |
| 77. Quinsy | 88. Tonsillitis |
| 78. Rheumatism | 89. Typhoid |
| 79. Rheumatic fever | 90. Typhus |
| 80. Scarlet fever | 91. Urethritis |
| 81. Sciatica | 92. Urticaria (nettle rash) |
| 82. Shingles (herpes zoster) | 93. Whooping cough |
| 83. Sinusitis | 94. Yellow fever |

TABLE M III
***LIST OF MEDICAMENTS**

A. For external use

- | | |
|--|--|
| 01. Auristillae Glyceris
Glycerin ear drops
EAR DROPS | 07. Naristillae Ephedrine
Norephedrine hydrochloride drops
NASAL DROPS |
| 02. Guttae Sulfacetamidi
Sulfacetamide eye drops
ANTISEPTIC EYE DROPS | 08. Paraffinum Molle Flavum
Yellow soft paraffin
SOFT PARAFFIN |
| 03. Guttae Tetracainae
Tetracaine eye drops
ANAESTHETIC EYE DROPS | 09. Paraffinum Molle Flavum Carbasi Absorbentis
Tulle gras dressing (Paraffin gauze)
BURN/WOUND DRESSING |
| 04. Linimentum Methylis Salicylatis
Methyl salicylate liniment
SALICYLATE LINIMENT | 10. Unguentum Bacitracini
Bacitracin ointment
ANTIBIOTIC OINTMENT |
| 05. Lotio Calaminae
Calamine lotion
CALAMINE LOTION | 11. Unguentum Benzocaini Compositum
Compound benzocaine ointment
PILE OINTMENT |
| 06. Lotio Cetrimidi
Centrimide lotion
ANTISEPTIC LOTION | 12. Unguentum Xylocaini Hydrochloridi
Mylocaine ointment
LOCAL ANAESTHETIC OINTMENT |

*Preparations listed above may have been substituted by equivalent preparations in the ship's medicine chest. For the sake of uniformity, medicaments are indicated in the first place by their latin denomination so that a correct translation can be found in each language.

B. For internal use

Allergic Conditions

13. Compressi Promethazini
Hydrochloridi
Promethazine hydrochloride
tablets
ANTIHISTAMINE TABLETS
(25 mg per tablet)

14. Injectio Adrenalini
Adrenaline injection
ADRENALINE
(1 mg in "Ampins")

CAUTION: THIS INJECTION NO 14
TO BE USED ONLY ON MEDICAL
ADVICE BY RADIO EXCEPT IN
CASE OF ANAPHYLACTIC SHOCK
DUE TO PENICILLIN INJECTION

Antibiotics

15. Capsulae Tetracyclini
Hydrochloridi
Tetracycline hydrochloride
capsules
TETRACYCLINE CAPSULES
(250 mg per capsule)

16. Compressi Phenoxymethyl-
penicillini
Phenoxyethylpenicillin
PENICILLIN TABLETS
(125 mg per tablet)

17. Compressi Sulfadimidini
Sulfadimidine tablets
SULFONAMIDE TABLETS
(500 mg per tablet)

18. Injectio Benzylpenicillini
Procaine penicillin G
PENICILLIN INJECTION
(600,000 units per ampoule)

19. Injectio Streptomycini
Sulfatis
Streptomycin sulfate injection
STREPTOMYCIN INJECTION
(1,000 mg per ampoule)

20. Injectio Tetracyclini
Hydrochloridi
Tetracycline hydrochloride
TETRACYCLINE INJECTION
(100 mg per ampoule)

Asthma

21. Compressi Aminophyllini
Aminophylline tablets
ASTHMA RELIEF TABLETS
(300 mg per tablet)

CAUTION: THIS TABLET NO 21
TO BE USED ONLY ON
MEDICAL ADVICE BY RADIO

22. Compressi Ephedrini
Hydrochloridi
Ephedrine Hydrochloride
tablets
EPHEDRINE TABLETS
(30 mg per tablet)

23. Tinctura Benzoini Composita
Tincture of benzoin compound
INHALATION MIXTURE

Cough

24. Compressi Codeini Phosphatis
Codein phosphate tablets
CODEIN TABLETS
(15 mg per tablet)

25. Linctus Scillae Opiata
Linctus of squill, opiate
COUGH LINCTUS

Diarrhoea

26. Mistura Kaolini et Morphinae
Kaolin and morphine mixture
DIARRHOEA MIXTURE

Heart

27. Compressi Glycerylis
Trinitratis
Glycerin Trinitrate tablets
HEART TABLETS
(0.5 mg per tablet)

Note:

For congestive heart failure the following preparations are available on board ship, but they should be used only on medical advice transmitted in plain language and not by code:

Compressi Chlorothiazidi (Chlorothiazide) or equivalent (500 mg per tablet)

Compressi Digoxin (Digoxin tablets) or equivalent (0.25 mg per tablet)

Indigestion

28. Compressi Magnesii Trisilicas
Magnesium trisilicate
STOMACH TABLETS

Laxatives

29. Compressi Colocynthidis
et Jalapae Compositae
Compound Colocynth and Jalap tablets
VEGETABLE LAXATIVE TABLETS

30. Magnesii Hydroxidum
Magnesium hydroxide mixture
LIQUID LAXATIVE - "Milk of Magnesia"

Malaria

31. Compressi Chloroquini Sulfatis
Chloroquine sulfate tablets
MALARIA TABLETS
(200 mg per tablet)

Pain

32. Compressi Acidi
Acetylasalicylici
Acetylsalicylic acid tablets
ASPIRIN TABLETS
(300 mg per tablet)

33. Injectio Morphini
Morphine sulfate injection
MORPHINE INJECTION
(15 mg per ampoule)

Sedation

34. Compressi Butobarbitali
Butobarbitone tablets
SEDATIVE TABLETS
(100 mg per tablet)

35. Compressi Phenobarbitali
Phenobarbitone tablets
PHENOBARBITONE TABLETS
(30 mg per tablet)

36. Compressi Chlorpromazini
Hydrochloridi
Chlorpromazine hydrochloride tablets
TRANQUILLIZER TABLETS
(LARGACTIL)
(50 mg per tablet)

CAUTION: THIS TABLET NO 36
TO BE USED ONLY ON MEDICAL
ADVICE BY RADIO

Salt Depletion or Heat Cramps

37. Compressi Natrii Chloridi Solv
Sodium chloride tablets
SALT TABLETS
(500 mg per tablet)

Seasickness

38. Compressi Hyoscini
Hydrobromidi
Hyoscine Hydrobromide tablets
SEASICKNESS TABLETS
(0.3 mg per tablet)

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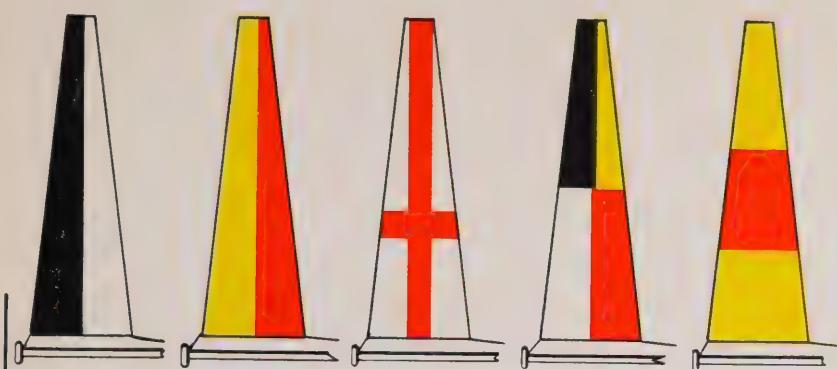
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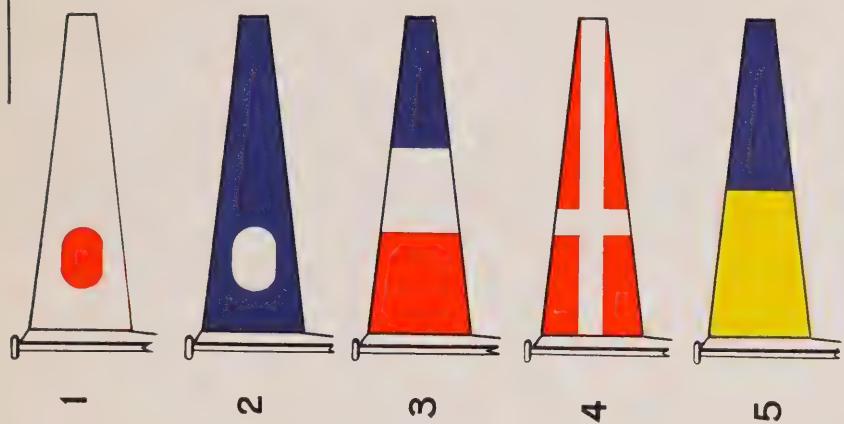
NUMERAL PENDANTS



CODE AND ANSWERING PENDANT



SUBSTITUTES



FIRST SUBSTITUTE



SECOND SUBSTITUTE



THIRD SUBSTITUTE



ALPHABETICAL FLAGS

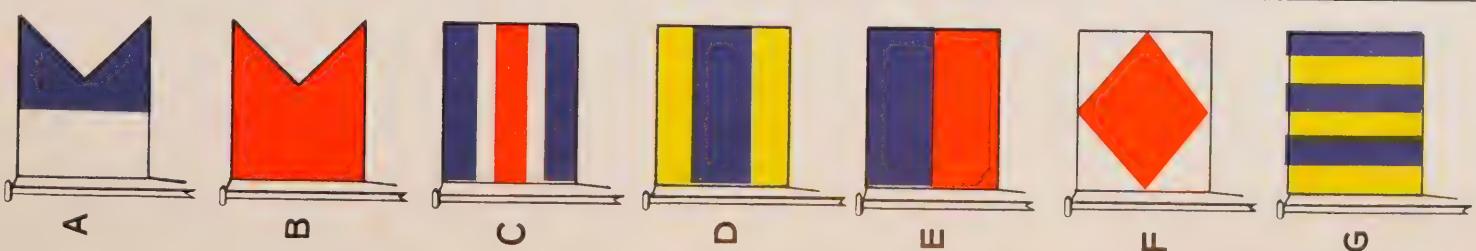
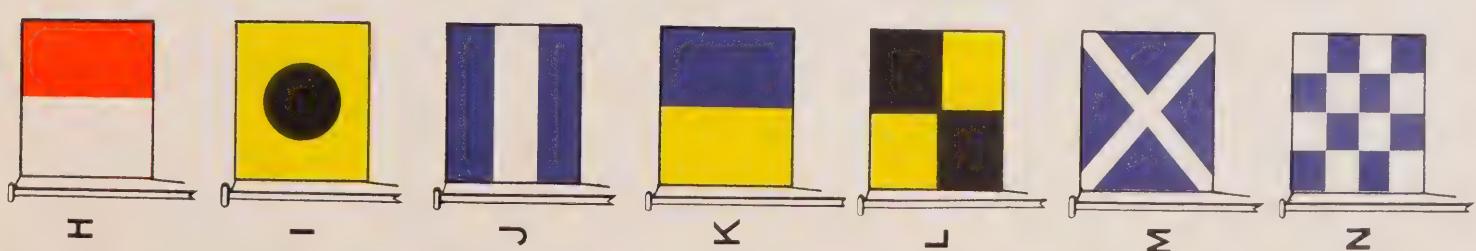
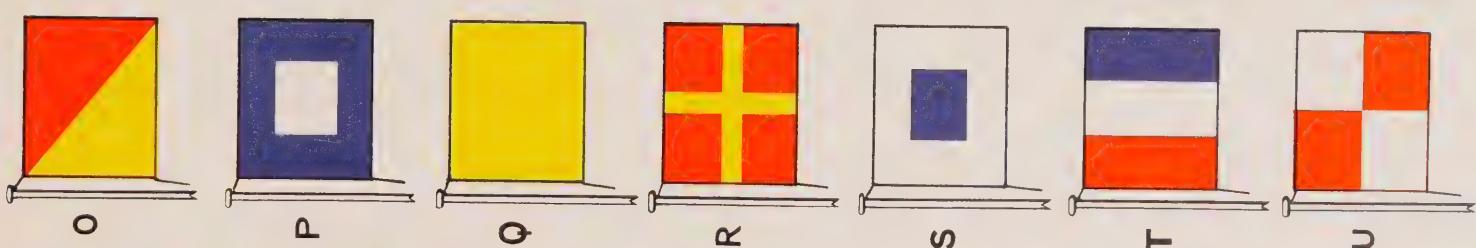
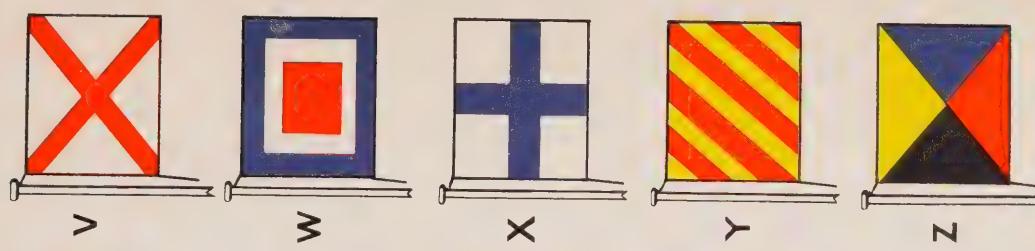


Table of Life-Saving Signals

I Landing signals for the guidance of small boats with crews or persons in distress

MANUAL SIGNALS	LIGHT SIGNALS	OTHER SIGNALS	SIGNIFICATION
DAY SIGNALS			or firing of a green star signal or code letter K given by light or sound-signal apparatus
			This is the best place to land
NIGHT SIGNALS			or code letter K given by light or sound-signal apparatus
			A range (indication of direction) may be given by placing a steady white light or flare at a lower level and in line with the observer
DAY SIGNALS			or code letter S given by light or sound-signal apparatus
			Landing here highly dangerous
NIGHT SIGNALS			or code letter S given by light or sound-signal apparatus
			1 or signalling the code letter S followed by the code letter R (---) if a better landing place for the craft in distress is located more to the <i>right</i> in the direction of approach 2 or signalling the code letter S (---) followed by the code letter L (---) if a better landing place for the craft in distress is located more to the <i>left</i> in the direction of approach
DAY SIGNALS			Landing here highly dangerous. A more favourable location for landing is indicated
			1 or signalling the code letter S (---) followed by the code letter R (---) if a better landing place for the craft in distress is located more to the <i>right</i> in the direction of approach 2 or signalling the code letter S (---) followed by the code letter L (---) if a better landing place for the craft in distress is located more to the <i>left</i> in the direction of approach
NIGHT SIGNALS			1 or signalling the code letter S (---) followed by the code letter R (---) if a better landing place for the craft in distress is located more to the <i>right</i> in the direction of approach 2 or signalling the code letter S (---) followed by the code letter L (---) if a better landing place for the craft in distress is located more to the <i>left</i> in the direction of approach
			1 Horizontal motion of a white flag, followed by 2 the placing of the white flag in the ground and 3 by the carrying of another white flag in the direction to be indicated 1 or firing of a red star signal vertically and 2 white star signal in the direction towards the better landing place

II Signals to be employed in connexion with the use of shore life-saving apparatus

II Signals to be employed in connexion with the use of shore life-saving apparatus
MANUAL SIGNALS **LIGHT SIGNALS** **OTHER SIGNALS**

PROCEDURES PERFORMED IN SEQUENCE BY AN AIRCRAFT		SIGNIFICATION
		If necessary, the day signals may be given at night or the night signals by day
		Signals used by aircraft engaged on search and rescue operations to direct ships towards an aircraft, ship or person in distress
		PROCEDURES PERFORMED IN SEQUENCE BY AN AIRCRAFT
		1 Aircraft circles the surface craft at least once
		2 Aircraft crosses the surface craft course close ahead at low altitude opening and closing the throttle or changing the propeller pitch
		3 Aircraft heads in the direction in which the surface craft is to be directed

RADIOTELEPHONE PROCEDURES

Name of ship.....
Call sign.....

RECEPTION OF SAFETY MESSAGES

Any message which you hear prefixed by one of the following words concerns SAFETY
MAYDAY (Distress)
PAN (Urgency)

Indicates that a ship, aircraft or other vehicle is threatened by grave and imminent danger and requests immediate assistance.
SÉCURITÉ (Safety)
Indicates that the calling station has a very urgent message to transmit concerning the safety of a ship, aircraft or other vehicle, or the safety of a person.

Indicates that the station is about to transmit a message concerning the safety of navigation or giving important meteorological warnings.

If you hear these words, pay particular attention to the message and call the master or the officer on watch.

TABLE 1
Phonetic Alphabet and Figure Spelling Tables

(May be used when transmitting plain language or code)

Letter	Word	Pronounced as	Letter	Word	Pronounced as
A	Alfa	<u>AL FAH</u>	N	November	<u>NO VEM BER</u>
B	Bravo	<u>BRAH VOH</u>	O	Oscar	<u>OSS CAH</u>
C	Charlie	<u>CHAR LEE</u> or <u>SHAR LEE</u>	P	Papa	<u>PAH PAH</u>
D	Delta	<u>DELL TAH</u>	Q	Quebec	<u>KEH BECK</u>
E	Echo	<u>ECK OH</u>	R	Romeo	<u>ROW ME OH</u>
F	Foxrot	<u>FOKS TROT</u>	S	Sierra	<u>SEE AIR RAH</u>
G	Golf	<u>GOLF</u>	T	Tango	<u>TANG GO</u>
H	Hotel	<u>HOH TELL</u>	U	Uniform	<u>YOU NEE FORM</u> or <u>OO NEE FORM</u>
I	India	<u>IN DEE AH</u>	V	Victor	<u>VIK TAH</u>
J	Juliett	<u>JEW LEE ETT</u>	W	Whiskey	<u>WISS KEY</u>
K	Kilo	<u>KEY LOH</u>	X	X-ray	<u>ECKS RAY</u>
L	Lima	<u>LEE MAH</u>	Y	Yankee	<u>YANG KEY</u>
M	Mike	<u>MIKE</u>	Z	Zulu	<u>ZOO LOO</u>

NOTE : The syllables to be emphasized are underlined.

Figure	Word	Pronounced as	Figure	Word	Pronounced as
0	NADAZERO	<u>NAH-DAH-ZAY-ROH</u>	6	<u>SOXISIX</u>	<u>SOK-SEE-SIX</u>
1	UNAONE	<u>OO-NAH-WUN</u>	7	SETTESEVEN	<u>SAY-TAH-SEVEN</u>
2	BISSOTWO	<u>BEES-SOH-TOO</u>	8	OKTOEIGHT	<u>OK-TOH-AIT</u>
3	TERRATHREE	<u>TAY-RAH-TREE</u>	9	NOVENINE	<u>NO-VAY-NINER</u>
4	KARTEFOUR	<u>KAR-TAY-FOWER</u>	Decimal point	DECIMAL	<u>DAY-SEE-MAL</u>
5	PANTAFIVE	<u>PAN-TAH-FIVE</u>		STOP	STOP

** NOTE : Each syllable should be equally emphasized.

DISTRESS TRANSMITTING PROCEDURES

To be used only if IMMEDIATE ASSISTANCE is required
USE PLAIN LANGUAGE WHENEVER POSSIBLE. If language difficulties are likely to arise use Tables 2 and 3 below, sending the word INTERCO to indicate that the message will be in the International Code of Signals.

Call out letters as in Table 1. Call out numbers figure by figure as in Table 1.

To indicate DISTRESS:

1. If possible transmit the ALARM SIGNAL (i.e. two-tone signal) for 30 seconds to one minute, but do not delay the message if there is insufficient time in which to transmit the Alarm Signal.
2. Send the following DISTRESS CALL:

Mayday Mayday Mayday. This is . . . (name or call sign of ship spoken three times).

3. Then send the DISTRESS MESSAGE composed of:

Mayday followed by the name or call sign of ship;

Position of ship;

Nature of distress;

And, if necessary, transmit the nature of the aid required and any other information which will help the rescue.

TABLE 2

Position in Code from the International Code of Signals

- (1) **By Bearing and Distance from a Landmark**
Code letter A (Alfa) followed by a three-figure group for ship's TRUE bearing from landmark:
- Name of landmark;
- Code letter R (Romeo) followed by one or more figures for distance in nautical miles.
- OR
- (2) **By Latitude and Longitude**

Latitude

- Code letter L (Lima) followed by a four-figure group; (2 figures for Degrees, 2 figures for Minutes) and either - N (November) for Latitude North, or S (Sierra) for Latitude South.
- Longitude**
- Code letter G (Golf) followed by a five-figure group; (3 figures for Degrees, 2 figures for Minutes) and either - E (Echo) for Longitude East, or W (Whiskey) for Longitude West.

Answer to Ship in Distress

CP	Charlie	I am proceeding to your assistance.
ED	Echo	Your distress signals are understood.
EL	Delta	Repeat the distress position.
ED	Delta	I require immediate assistance.
EL	Echo	I am on fire.
HW	Hotel	I have collided with surface craft.

NOTE : A more comprehensive list of signals may be found in the International Code of Signals.

EXAMPLES OF DISTRESS PROCEDURE

1. Where possible, transmit ALARM SIGNAL followed by spoken words Mayday Mayday. This is . . . (name of ship spoken three times, or call sign of ship spoken three times, or call sign of ship on fire and require immediate assistance).
2. Where possible, transmit ALARM SIGNAL followed by spoken words Mayday Mayday Mayday I am on fire. (Ship) in Distress Position 015 Degrees Ushant 40 miles I am sinking.
3. Where possible, transmit ALARM SIGNAL followed by spoken words Mayday Mayday Mayday I am on fire. (Ship) in Distress Position 015 Degrees Ushant 40 miles I am sinking.

